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Oil, Paint and Drug Reporter

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THE CHEMICAL MARKET AUTHORITY SINCE 1871

Volume 140
Number 5

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August 4, 1941

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2-Ethylbutyric Acid	$(C_2H_5)_2CHCOOH$	194.0	0.22
Caproic Acid	$CH_3CH_2CH_2CH_2CH_2COOH$	203.1	1.1
2-Ethylhexoic Acid	$CH_3(CH_2)_3CH(C_2H_5)COOH$	226.9	0.25

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Volume 140 **August 4, 1941** **Number 5**

Chlorine Allocated Under Full Priority

OPD Washington Bureau
July 31, 1941

Allocation of supplies of chlorine adequate to take care of requirements in seven essential public services and industries was ordered yesterday in a civilian allocation program issued by the Civilian Allocation Division of the Office of Price Administration and Civilian Supply. The program will be enforced by OPM.

The uses affected are water purification, sewage treatment, sanitation, refrigerant gases for existing equipment, slime control in industrial plants, preparation of products for medicinal use, and preservation and processing of food products.

The order, signed by Leon Henderson, OPACS administrator, warns that preferences granted under the allocation program shall not be used to accumulate excessive inventories.

Chlorine was placed under full priority control July 28 in a General

—Continued on page 35

W.H. Dow Reviews Magnesium Relations

In his commentary accompanying the forty-fourth annual report of the Dow Chemical Company, for the year ended May 31, 1941, W. H. Dow, president and general manager, included the following reference to the company's international relations in the magnesium industry, which had been assailed by the United States Department of Justice:—

In view of the indictment against the company and two of its officers charging violation of the Sherman antitrust act, it seems proper to review for the benefit of our stockholders a portion of our history. The activity of the Dow Chemical Company in its early history proceeded much as it has in recent years—as a matter of fact, the historical activity of our company is a fair cross-section of the history of the chemical industry in the United States. Our activity has always consisted of research, development, buildings, expansion, new products, new application, new products again and more buildings—an unending cycle of change and growth.

At the beginning of World War No. 1, we had developed a good stride in this direction. Our company was then a leader in the rapidly growing chemical industry of that day. For a number of years prior to World War No. 1, we had concentrated on the extraction and separation of calcium chloride and magnesium chloride. We were producing and selling calcium chloride, and with the outbreak of the war in 1914, magnesium chloride was cut off from further importation from Germany. Our company rushed the construction of a plant. The big use for magnesium chloride at that time was for magnesium oxychloride cements. This product was used extensively; the tonnage was large; and the demand was critical. We were complimented many times on our ability to produce this necessary product in a time of emergency. Actually, 1914 marked the culmination of many years of experimentation and research. We became established in the magnesium chloride business—a new product for us, which throughout the many years since has

—Continued on page 27

Borax Priority Extended Until August 30

OPD Washington Bureau
July 30, 1941

E. R. Stettinius, jr., Director of Priorities, announced today that the order imposing priority control on borax and boric acid has been extended to August 30. The original order was made necessary by a strike at a borax plant in Trona, California. The strike has been settled, but the supply situation on borax has not entirely returned to normal.

Solvay to Synthesize Phenol at Syracuse

The Solvay Process Company, a subsidiary of Allied Chemical & Dye Corporation, this city, announced July 30 that it will shortly commence construction of a new synthetic phenol plant at Syracuse, N. Y. The company stated that this new plant will produce phenol by an entirely new process developed by its research department.

Calcium-Silicon Under Full Priority Control

OPD Washington Bureau
July 28, 1941

Calcium-silicon, used for the treatment of certain high-grade steels needed for defense production, was put under full priority control today in a General Preference Order signed by E. R. Stettinius, jr., director of priorities. The order requires consumers of calcium-silicon to file reports with their suppliers when placing orders, and states that the Director of Priorities will issue instructions for the allocation of all available supplies to customers, beginning with September deliveries.

Calcium-silicon is a commercial product used in the treatment and refining of certain steels. At the present time there is only one producer. This company's monthly production is considered insufficient for all defense and civilian needs.

Tin Price Ceiling Seen by Henderson

OPD Washington Bureau
July 28, 1941

Recent sharp increases in the price of tin, stimulated by developments in the Far East, may force the Office of Price Administration and Civilian Supply to impose a price ceiling on the metal in the near future, Leon Henderson, administrator, announced today. Tin is imported to this country from British Malaya and the Dutch East Indies.

Should a price ceiling prove necessary, it was emphasized, no special consideration will be shown to persons who henceforth acquire tin at recent

—Continued on page 42

Price-Control Power Asked Of Congress by President

OPD Washington Bureau
July 31, 1941

The most drastic economic controls granted to an administration in modern times will be purposed in the price-control bill which will be the subject of hearings before the house and senate banking and currency committees shortly. The measure was scheduled to be introduced today following President Roosevelt's message to Congress outlining the extreme need for such legislation, but was held up pending a decision concerning the inclusion of a provision to curb excessive installment buying and further discussion with respect to the proposed authorization permitting the government to buy and sell commodities in an effort to stabilize prices.

In his message to Congress, Mr. Roosevelt called for the enactment of a four-point program to halt inflationary price rises and increases in the cost of living which he said are threatening to undermine the national defense program. He declared that increases in the workers' cost of living, on the one hand, and excessive profits for the manufacturer, on the other, lead to spiraling demands for higher wages. This, he said, means friction between employer and employed.

Outlining the steps taken during the past twelve months in an effort to maintain a stable level of prices through the voluntary cooperation of business and through "informal persuasive control," Mr. Roosevelt said that the national safety now demands that steps be taken at once to extend, clarify, and strengthen the authority of the government "to act in the interest of the general welfare."

No Lid for Wages

Legislation, he said, should include authority to establish ceilings for prices and rents, to purchase materials and commodities when necessary, to assure price stability, and to deal more extensively with excesses in the field of installment credit. To be effective, he explained, such authority must be flexible and subject to exercise through license or regulations under expeditious and workable administrative procedures, and, like other defense legislation, it should expire within a limited time after the end of the emergency.

Discussing labor costs in relation to prices, Mr. Roosevelt said:—

Of course there cannot be price stability if labor costs rise abnormally. Labor has far more to gain from price stability than from abnormal wage increases. For these are likely to be illusory, and quickly overtaken by sharp rises in living costs which fall with particular hardship on the least fortunate of our workers and our old people.

There will always be need for wage adjustments from time to time to rectify inequitable situations. But labor as a whole will fare best from a labor policy which recognizes that wages in the defense industries should not substantially exceed the prevailing wage rates in comparable non-defense industries where fair labor policies have been

—Continued on page 62

Plant Expansions Approved for Defense

OPD Washington Bureau
July 29, 1941

Of the certificates of necessity approved by the National Defense Advisory Commission from July 1 to July 15, in connection with the construction and acquisition of new manufacturing facilities, were the following:—

Chemicals:—Solvay Process Company, Syracuse, N. Y.; $631,000.

Chemicals:—E. I. du Pont de Nemours & Co., Wilmington; $235,000.

Coal and Coke By-Products:—Semet-Solvay Company, New York; $98,000.

Egg Products, Dried:—Armour & Co., Chicago; $30,000.

Egg Products, Dried:—Armour & Co., of Delaware; $34,000.

Egg Products, Dried:—Fort Worth Poultry and Egg Company, Fort Worth, Tex.; $89,000.

Gasoline:—Sinclair Refining Company, New York; $3,300,000.

Gasoline Storage Tanks:—Standard Oil Company of Louisville; $42,000.

Magnesium Metal Alloys:—Dow Chemical Company, Midland, Mich.; $325,000.

Muriatic Acid Lead and Store:—Bay Chemical Company, New Orleans; $45,000.

Phenols:—Monsanto Chemical Company, St. Louis; $435,000.

Petroleum Pipeline:—Portland Pipe Line Company, New York; $5,730,000.

Tax Bill Seeks Retail Excise on Cosmetic Sales

OPD Washington Bureau
July 30, 1941

Action by the house in adopting a modified "gag" rule for consideration of the new $3,500,000,000 defense tax bill assures the retention by the house of all excises contained in the measure as written by the house ways and means committee. Under this rule the only amendments which may be offered from the floor of the house are those which have the approval of the committee, with the exception of an amendment to delete the section requiring the filing of joint returns on personal incomes. However, it is expected that a number of major changes in the bill will be made by the senate before it finally becomes law.

At the present time, the bill would, as a simplifying provision, make permanent all present excise taxes. This was included in the measure to obviate the necessity of separate legislation to extend such taxes when the present limitation of time for which they are effective expires. Explaining the reason for this, the committee in its report said:

At the outset, it should be pointed out that many excise taxes under existing law will expire in 1945. Other such taxes will then become effective at reduced rates. In addition, the temporary defense taxes imposed by the first revenue act of 1940 will terminate in 1945. As a result of these varying rules, both as to the termination of taxes and as to the changes in rates, considerable confusion has arisen.

Your committee deems it desirable to remove these expiration dates and future rate changes from the law. This action has been taken without prejudice to the temporary nature of these levies and rate increases, for the desirability of their repeal or downward revision as soon as our revenue needs will allow is fully recognized.

—Continued on page 54

Pfizer Willed $237,000 To 244 Employees

Emile Pfizer, chairman of the board of Charles Pfizer & Co., manufacturing chemists, 81 Maiden lane, this city, whose death was noted in last Monday's REPORTER, left $237,000 to 244 employees of the company which his father had founded in 1849.

Very few of the employees to whom Mr. Pfizer left amounts from $250 to $4,000 were personally known to him; forty-four chemists and office employees are to receive from $2,000 to $4,000 each.

The will was accepted for probate July 31 by Surrogate William R. Sutphen in Somerville, N. J. Mr. Pfizer's home was at Gladstone, N. J. He left $100,000 to each of two sisters, Lady Duncan, wife of Sir Frederick Wil-

—Continued on page 62

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals, oils, and drugs is currently as follows:—

Aug. 1, 1941.	July 25, 1941.	Aug. 2, 1940.
126.9	125.7	100.8

Heavy chemicals, dyestuffs, textile and leather chemicals, oils, fats, and waxes, drugs and fine chemicals, essential oils, aromatic chemicals, and fertilizer materials are up from the preceding week. Botanical drugs, spices, and gums are down a bit.

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Closing Markets

London Closing Cable

LONDON, Aug. 1, 1941

Beeswax quoted 250s. per hundredweight. Carnauba wax, 435s. per hundredweight.

Copper Sulphate Higher

A major producer advanced prices 25c., while another source quoted 75c. per 100 pounds higher for 99 pc. crystals; monohydrated raised 35c. per 100 pounds. Prices follow:—Crystals, car lots, works, $5.00 to $5.50; 16 to 50 barrels, $5.15 to $5.65; 6 to 15 barrels, $5.25 to $5.75, and 1 to 5 barrels, $5.50 to $6.00 per 100 pounds. Monohydrated, car lots, dealers, works, $8.95 and less car lots, $9.95 per 100 pounds.

Podaphyllin Advanced

The price of podaphyllin has been advanced 75c. to create a new market level at $5.25 per pound. Prices paid for mandrake root, the raw material, show a rise of at least 50 percent over a year ago.

Far East Oils Up

Citronella advanced further at the close of last week. Ceylon, drums, 80c. per pound, nominal; cans, 82c.; Java, 75c. to 80c. Artificial sassafras rose to 85c. in drums. Safrol, up to $1.22, nominal, in drums, and $1.25 to $1.26 in cans.

Soda Stannate Firmer

Soda stannate advanced ½c., ranging from 34c. to 37c. per pound late in the week. Straits metal was quoted at 52¾c. per pound.

Bids Wanted

Acetylene:—25,000 cubic feet; Commanding Officer, Air Corps, Fort Douglas, Utah; procurement 1, opening August 11.

Acetone:—150,000 gallons; Office of Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, Ohio; circular 122, opening August 5.

Acetone:—30,000 pounds; Commanding Officer, Picattiny Arsenal, N. J.; procurement 159, opening August 7.

Chrome Oxide Green:—6,000 gallons; Quartermaster, Marine Corps, Washington; schedule 247, opening August 8.

—Continued on page 60

Defense Material Price-Trend Index

Prices of strategic materials continued to rise during the week ended July 26. The Bureau of Labor Statistics' index, which has risen steadily since the end of May, now stands at a new high of 140.6 percent of the August 1939 average.

Index numbers of market prices of strategic and critical materials are:—

(August 1939=100)

1941.	Strategic.	Critical.
July 12	*139.8	*114.6
July 19	140.0	*115.4
July 26	140.6	115.4

* Revised.

Chilean Nitrate Advance Reflects Higher Costs

Following a conference with the Office of Price Administration and Civilian Supply and other government agencies, the Chilean Nitrate Sales Corporation last week advanced prices on bagged and bulk Chilean nitrate of soda. The new prices, effective through October 31, 1941, are $30 per ton for bulk material, $32.40 for material in 200-pound bags, and $33 for 100-pound bags. The advances were based on higher ocean freight rates and war risk insurance and increased costs for burlap and cotton bags.

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Chemical Price Views Ascend

Although there were more reductions than of late, price advances far predominated last week in the markets for chemicals and related materials. Tin was over on the down side. Arsenicals and Oriental commodities were most prominent among the ascenders; blue vitriol and Chile saltpeter also were there.

Business was getting tighter because supplies of basic materials, manmade and natural, were being further pinched off or more extensively sent to war. Slackening of production of containers, plus slowness in the returning of empties, was also becoming a substantial handicap on shipments. The volume of available materials in general did not permit expansion of production of consumer goods.

Prices were advanced on calcium arsenate, lead arsenate, paris green, cooper sulphate, crude nitrate of soda, bifluoride of soda, tetrachloride of tin, menthol, camphor, agar, hydroxycitronellal, milk powder, gum rosin, gum and steam-distilled wood turpentines, varnish gums, podophyllin, domestic egg albumen, domestic and imported egg yolk, bonemeal, tankage, and imported dried blood.

Prices were reduced on Straits tin, stannous chloride, tin crystals, stannate of soda, vanillin, sago flour, and menhaden scrap.

The result of the changes is shown in the *OPD Price Index* at the top of the column to the left.

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General License List Increased by 20 Items

OPD Washington Bureau
July 28, 1941

Secretary of State today authorized the issuance of general licenses for certain materials to Great Britain, Canada, and the Phillippine Islands. The materials covered by the general licenses are:—

Derris root, squill, cube root, pyrethrum, rotenone alkyd resins, urea formaldehyde resins, phenol formaldehyde resins, acetone, acetic acid, acetic aldehyde, formaldehyde, and methanol.

The following general licenses for shipment to Great Britain, Canada, and the Phillippine Islands effective August 1, are:—

Butanol, butyl acetate, and ethyl acetate.

The Secretary of State today also issued general license No. GIT-P/CA, which authorizes the passage through the Canal Zone, without the requirement of an individual export license, of in transit shipments of articles and materials under export control to Panama from all other foreign destinations and from Panama to all other foreign destinations. This license applies only in respect to shipments which are imported into or exported from Panama, and which pass in transit through the Canal Zone.

Carroll Chicago Branch Mgr. for National Lead

Chicago, July 31, 1941

E. A. deCampi today retired as manager of the Chicago branch of the National Lead Company and was succeeded by Walter P. Carroll, formerly assistant manager.

Mr. deCampi has been with the company since 1901 when he started

Walter P. Carroll

as a metal salesman in the branch here. He later headed the sales department and in 1926 was named assistant manager of the branch. He was appointed manager in 1933.

Mr. Carroll joined the Chicago branch in 1910 but left in 1917 to join the Army Air Corps overseas. Returning in 1919, he was placed in the metal department and was named salesmanager seven years later. He was made assistant manager in 1938.

Golwynne Corp. Changes Name

Golwynne Magnesite & Magnesia Corporation, this city, has changed the corporate name to Golwynne Chemicals Corporation. Address will remain 420 Lexington avenue, and Henry A. Golwynne will continue as president.

The corporation was formed in 1919 under the name of Henry A. Golwynne and was renamed in 1930 to Golwynne Magnesite & Magnesia Corporation. The renamed corporation wil lcontinue to specialize in calcined magnesia and magnesite and will expand its business into the general line of chemicals. Operations will also be widened into the import and export field.

Economic Warfare Board Set Up

OPD Washington Bureau
July 31, 1941

Creation of a new economic warfare board to direct all activities against the Axis powers was announced today by President Roosevelt. The new agency, headed by Vice-President Wallace, will be made up of eight members of the President's cabinet.

The Economic Defense Board, established by executive order, will formulate and coordinate policies with respect to the control of exports and imports, frozen foreign assets, preclusive buying, and other measures related to national defense in the field of international economics.

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'Gas' Station Closing Sought by Ickes

OPD Washington Bureau
July 31, 1941

Defense Petroleum Coordinator Harold L. Ickes today recommended the closing of all gasoline filling stations in twelve Atlantic coast States and the District of Columbia and in parts of five other States from 7 o'clock p.m. to 7 o'clock a.m. seven days weekly, effective Sunday, August 3, in an effort to cut the consumption of gasoline on the east coast by 33⅓ percent.

The recommendation, which will affect approximately 100,000 retail outlets, and which has all the effect of an order to close the stations, was taken at the request of the recently appointed marketing committee of the oil industry for the Atlantic seaboard following the adoption of a resolution by the committee urging that "the dispensing of gasoline at all re-

—*Continued on page* 56

Dubbs Patent Held Valid And Egloff's Invalid

Chicago, July 25, 1941

Federal Judge Holly today found for the Globe Oil & Refining Company in an infringement action brought ten years ago by the Universal Oil Products Company. The decision held valid but not infringed, the Dubbs patent of October 4, 1921, while the Egloff patent of May 12, 1925, was held invalid.

Petroleum Coordinators Appointed by Ickes

OPD Washington Bureau
July 29, 1941

Harold L. Ickes, Petroleum Coordinator, today announced the selection of the staff members for the cordinator's office who will direct its activities under the immediate supervision of Ralph K. Davies, Deputy Coordinator. They are:—

Special assistant, George W. Holland; Director of Production, Robert E. Allen; refining, Wright W. Gary; transportation, H. A. Gilbert; marketing, John W. Frey; research, Edward B. Swanson; conservation, E. DeGolyer; information, Herbert A. Yocom; chief counsel, J. Howard Marshall;

—*Continued on page* 56

Oil Executives Criticize 'Independents' Meaning

OPD Washington Bureau
July 30, 1941

A reply to the monograph submitted to the Temporary National Economic Committee by Roy C. Cook, Department of Justice expert, on control of the oil industry by major oil companies, reviewing and criticizing Mr. Cook's conclusions has been prepared under the direction of William S. Farish, president of the Standard Oil Company of New Jersey, and J. Howard Pew, president of the Sun Oil Company. The reply was released Saturday by the committee in the form of a supplementary monograph (39-A).

In their review of Mr. Cook's monograph, the oil executives took excep-

—*Continued on page* 56

Tung Oil Extraction By a Solvent Process

By A.F. Freeman and R.S. McKinney

Agricultural Chemical Research Division, Bureau of Agricultural Chemistry and Engineering, United States Department of Agriculture*

At the present time, commercial tung oil is produced entirely by a mechanical process, wherein the oil is pressed from the kernels which have been separated from most of the other components of the tung fruit. The scarcity of tung oil and its high price made it desirable to investigate the possibility of increasing yields of tung oil by solvent extraction.

The content of residual oil left in tung presscake, ranging probably from 4 percent to 10 percent on the weight of cake and from 1 percent to 3 percent on the total weight of fruit, indicates the maximum extent to which the yield of oil might be increased by use of a solvent process †(1). The oil remaining in the cake is dependent to a large extent on the moisture content of the meal at the time of pressing, it being a matter of common experience with millers that oil yields fall off when the tungmeal is too moist.

Preliminary laboratory experiments with a small-batch extractor indicated that the oil could be recovered from tung presscake by solvent extraction. However, it seemed desirable to study this extraction process further on a pilot-plant scale.

Cooperative Study Applied

In the Spring of 1940 such a pilot-plant study was started on a cooperative basis by the Bureau of Agricultural Chemistry and Engineering and L. O. Crosby & Sons, Picayune, Miss. This study was to include the extraction of tung oil from both presscake and tung kernels.

The Bureau of Agricultural Chemistry and Engineering furnished technical personnel to assist in assembling the necessary equipment and to supervise the operation of the plant, while Crosby Naval Stores, Inc., provided the equipment for the investigation and also provided steam, electricity, solvents, presscake, and tung kernels, and made available the services of Mr. I. E. Knapp, chief chemist, and Mr. H. A. Brondum, superintendent, for Crosby Naval Stores, Inc., as consultants for the erection and operation of the solvent extraction plant.

During the Spring of 1940 Dr. W. Gordon Rose, of the Oil, Fat and Wax Laboratory, Bureau of Agricultural Chemistry and Engineering, was assigned temporarily to the United States Tung Oil Laboratory at Bogalusa, La., for the purpose of assisting at the Crosby Naval Stores plant at Picayune, Miss., in assembling the necessary equipment and supervising the operation of the plant. The valuable work of Dr. Rose in assembling the pilot plant and in the early operation of the plant is gratefully acknowledged.

Solvent extraction in general may be accomplished in two ways, namely, by a batch process and by a continuous process. These processes have been described elsewhere (2); so it is not the purpose of this article to describe more than their general nature. Equipment for both types of processes as applied to oil-containing materials other than tung fruit is available commercially in this country.

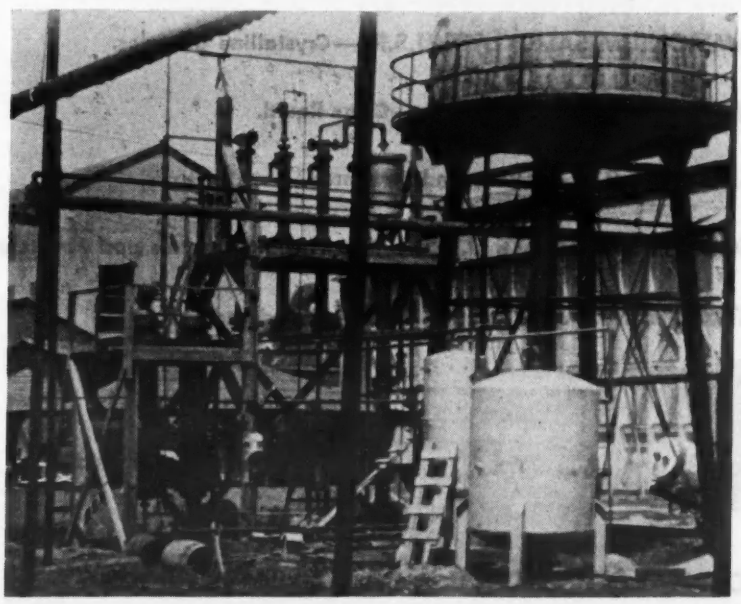
In the batch process the material is introduced into the extraction vessel, or tower, where the oil is extracted, after which the residue, or marc, is discharged. In the continuous process, the material is introduced continuously into the extraction chamber, where the oil is extracted, and the marc is discharged continuously without halting the extraction. In both processes the solvent extraction of the oil is carried out in the following manner:—An organic liquid solvent is pumped through the comminuted material in such a way that the oil is dissolved; the resulting solution, or miscella, is filtered to remove solid particles, or fines, which have been carried away mechanically by the flow of the miscella; and the oil is obtained from the miscella by distilling off the solvent, which is recovered for further use. Provision is also made for the removal of solvent from the marc (meal) and for its recovery.

Solvent-Removal Methods

The removal of the solvent from the oil is accomplished by evaporators, passing the vapor through appropriate condensers for solvent recovery. Numerous types of commercial evaporators and condensers adaptable for both processes are available (11). The type of system used for evaporating and condensing the solvent may vary considerably, depending upon the nature of the miscella to be handled, which is determined by the characteristics and proportions of its components. However, all systems perform similar functions, namely, heating the miscella until the desired product is freed of solvent, and condensing adequately the vapors so that there will be little solvent loss.

In the case of solvent removed from tung oil, an additional factor is introduced—the susceptibility of the oil to

—*Continued on page* 38



Pilot Plant: General View

* The work reported in this paper was carried out by the United States Department of Agriculture in cooperation with L. O. Crosby & Sons.

† Figures in parentheses refer to the bibliographic list at the end of the article.

Inventory Materials Use Permitted on Contracts

OPD Washington Bureau
July 31, 1941

With a view to amplifying regulations pertaining to inventory levels, E. R. Stettinius, jr., OPM Director of Priorities, said today that manufacturers are expected to use inventory materials on hand to begin production, while waiting for material being delivered under preference ratings, if such action will be helpful in meeting required delivery dates.

He pointed out that this practice would enable a manufacturer to speed delivery on contracts. In such cases a manufacturer may begin production, using his inventory materials, and then may replace this used-up inventory with the preference-rated materials as they arrive.

A typical case in which such procedure would be helpful was put as follows:—

Suppose Manufacturer X has a defense contract on which early completion is desired. Suppose he has placed orders for material with his supplier, and has had a preference rating assigned to his order.

Since a preference rating applies usually to a specific order, some manufactuers have felt that they must wait until the ordered material had actually arrived before beginning production on the contract involved.

However, Manufacturer X may have a sufficient quantity of the necessary material on hand, in inventory, which he could use to start production on the contract. It may save considerable

—*Continued on page* 31

Zinc Pool Quotas Set By OPM for August

OPD Washington Bureau
July 30, 1941

The emergency zinc pool for August was announced today by E. R. Stettinius, jr., Director of Priorities. Producers of metallic zinc will set aside an amount equal to 27 percent of June production. For August this will amount to approximately 19,000 tons. The pool for July was 22 percent of May production.

Producers of zinc oxide will set aside an amount equal to 10 percent of June production. This pool will amount to approximately 1,714 tons. Producers of zinc dust are not required to set aside any part of their production.

The zinc pool, provided in the order which imposes priority control on zinc, was created so that the Director of Priorities can make allocations to emergency needs whenever necessary.

European Chemical Trade 'New Order' Is Planned

Formation of a jointly owned company by the I. G. Farbenindustrie and the Establissement Kuhlmann, the leading French chemical company, was reported last week. In addition to serving as an outlet for German chemicals, the new concern was expected to produce certain products under I. G. patents.

In line with this reported affiliation was the reproduction by the United States Bureau of Foreign and Domestic Commerce of an article in a British periodical, in which the chairman of I. G. Farbenindustrie was reported to have outlined plans for the 'New Order' of the European chemical industry. The plan would aim, it was held, at rendering the Continent self-supporting in the chemical and allied spheres. The bureau's release follows:—

A considerable part of such new chemical plants as required large quantities

—*Continued on page* 35

Gould to Advise OPACS On Coal Quotations

OPD Washington Bureau
July 29, 1941

Gerald B. Gould has been named advisory consultant on coal prices in the fuel section of the Office of Price Administration and Civilian Supply. Mr. Gould, who is president of the Fuel Engineering Corporation, New York, has been identified with the coal industry for thirty years.

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CHICAGO PHILADELPHIA MONTREAL TORONTO

Current Market Quotations

August 1, 1941

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

RECEIVED AUG 4 1941 LIBRARY THE CHEMISTS' CLUB

A

Acacia (see Gum, arabic).
Acetal, cbys., works.....lb. 1.00 - 1.50
Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb lots.....lb. .33 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2-000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs, 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., divd..lb. .08½- —
l.c.l., divd.....lb. .09 - —
tanks, divd.....lb. .07 - —
Methyl (see M)
Acetonitrile, dms., works.....lb. 1.00 - 2.00
Acetophenone, cns., 25 to 50 lbs., lb. 1.40 - 1.45
dms., 100 lbs.....lb. 1.35 - 1.37
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs., dms.....lb. 1.08 - —
25 lbs., dms.....lb. 1.10 - —
Acid, abietic, dms., o ., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - .12
Acetic, com'l or redist., 28%, bbls..100 lbs. 3.18 - 3.43
cbys., cs.....100 lbs. 3.68 - 3.93
56%, bbls.....100 lbs. 5.18 - 5.43
cbys., cs.....100 lbs. 5.68 - 5.93
70%, bbls.....100 lbs. 6.19 - 6.44
cbys., cs.....100 lbs. 6.69 - 6.94
80%, bbls.....100 lbs. 6.91 - 7.16
cbys., cs.....100 lbs. 7.41 - 7.66
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 8.30 - 8.55
cbys. .....100 lbs. 8.80 - 9.05
tanks .....100 lbs. 7.50 Nom.
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
tanks .....100 lbs. 6.50 - —
USP XI, al. dms..100 lbs.10.25 -11.00
CP, dms.....100 lbs.13.50 -14.00
pure, 30%, bbls.....100 lbs. 4.23 - 4.48
cbys., cs.....100 lbs. 4.73 - 4.98
36%, bbls.....100 lbs. 4.61 - 4.86
cbys., cs.....100 lbs. 5.11 - 5.36
60%, bbls.....100 lbs. 7.17 - 7.42
cbys., cs.....100 lbs. 7.67 - 7.92
80%, bbls.....100 lbs. 8.70 - 8.95
cbys., cs.....100 lbs. 9.20 - 9.45

Acetic acid price differentials above are for c.l. and l.c.l. quantities, the prices apply delivered within the Metropolitan zones of stock carrying points, and f.o.b. these points for shipment beyond.

Acetic, anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., dms., frt. alld.....lb. .13 - —
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls. lb. .40 - —
Adipic, fib. dms., works.....lb. .31 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22
Ascorbic, bots., dms.....oz. 1.85 - 2.10
Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works. 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more. lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
99 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex-whse...ton.108.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.108.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse..ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse..ton.123.00 - —
less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's, bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 6.95 - 7.00
Capric, dms.....lb. .19 - .19½
Caproic, dms., works.....lb. .25 - .30
Caprylic, dms.....lb. .27 Nom.
Castor oil, split, dms.....lb. .17½- .18
Chlorosulphonic, dms., c.l., wks. lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., divd. N. Y..lb. .16¼- —
l.c.l., 5 tons, divd. N.Y. lb. .16¾- —
smaller quantities, divd. N. Y..lb. .17¼- .18¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20¼- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., one shipt..lb. .23 - —
smaller lots.....lb. .23¼- .26½
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.
Cleve's, bbls.....lb. .65 - —
Coconut oil, dist., dms.....lb. .16 - .16½
Cottonseed oil, dist., dms....lb. .13¾- .14¼
tanks .....lb. .13¼- —
Cresylic (coaltar), high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
special blends (50, 210°-215°), dms., c.l., works frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .76 - —
l.c.l., same basis....gal. .78 - —
imported, pale, dms...gal. .90 Nom.
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East. U.S....gal. .58 - —
l.c.l., same basis.....gal. .59 - .60
tanks, divd., East. U.S.gal. .54 - —
medium-boil (222°-249°), non-return dms., c.l., works, frt. East. U.S.gal. .64 - —
l.c.l., same basis....gal. .65 - .66
tanks, divd., East. U.S.gal. .60 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .19½- —
l.c.l., 25 cbys. and over..lb. .11 - —
1-24 cbys.....lb. .11¼- —
Fumaric, tech., special, bbls., ton lots..lb. .27 - —
smaller lots, bbls., dms...lb. .28 - —
Gallic, tech., bbls.....lb. 1.05 - 1.08
NF VI, bbls., 200 lbs., 5 or more..lb. 1.22 - —
smaller lots.....lb. 1.25 - —
fib. dms., 25 lbs.....lb. 1.29 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demij.....lb. .21 - .23
5-lb. bots.....lb. .29 - —
H. bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, 10% dilute, cbys., lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —
Hydrochloric (see Muriatic)
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber, dms.....lb. .08 - .08½
48%, lead, cbys.....lb. .12 - —
rubber, dms.....lb. .11 - —
52%, lead, cbys.....lb. .13 - —
rubber, dms.....lb. .12 - —
60%, lead, cbys.....lb. .14 - —
rubber, dms.....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .09 - .09¼
Hypophosphorus, U.S.P. 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - —
cbys., works.....100 lbs. 3.75 - —
44%, bbls., c.l., works.... 100 lbs. 5.50 - —
l.c.l., bbls., works.... 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works.....100 lbs. 4.75 - —
Acid, lactic, tech., light, 44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works.....100 lbs. 6.75 - —
cbys., works...100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10¼- .11¼
5 to 19 cbys.....lb. .11 - .12
1 to 4 cbys.....lb. .11½- .12½
plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Lauric, dist., tech., dms....lb. .17½- .18
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .16 - .16½
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.15
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works. 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works. 100 lbs. 2.25 - —
l.c.l., 25 and over, works. 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
CP, dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .06 - —
6-lb. bots.....lb. .19 - —
Myristic, dist., dms.....lb. .18 - .18½
Naphthenic, dom., acidity 160 dms., c.l., works..lb. .06½ Nom.
l.c.l., works.....lb. .07 Nom.
tanks, works.....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works.....lb. .09½ Nom.
tanks, c.l., works....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., works.....lb. .10½ Nom.
tanks, works.....lb. No prices
Nicotinic, 100-lb. cns.....lb. 7.15 - —
50-lb. cns.....lb. 7.25 - —
25-lb. cns.....lb. 7.30 - —
5-lb. bots.....lb. 7.46 - —
1-lb. bots.....lb. 7.50 - —
Nitric, 36°, cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys....lb. .11½- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .23 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs. or over.....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .11½- .12
tanks .....lb. .11 - —
Paraminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Phenylacetic, bots.....lb. 1.45 - 1.95
Phosphoric, ortho., tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g., 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347, cbys., 70 lbs..lb. .10¾- —
dms., 25 lbs.....lb. .13 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic, synth., pure, 55-gal. dms., returnable, works.lb. .14 - —
tanks, works.....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.35 - —
cns. .....lb. 1.53 - —

Acid, pyrogallic, USP, cryst., cns..lb. 2.00 - —
resub., cns.....lb. 2.50 - —
Pyroligneous, bbls., divd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works.....lb. .32 - .37
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .38
Sebasic, CP, bbls., works....lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .17½- .17¾
Stearic, dist., double pressed, bgs., divd..lb. .13¾- .14¼
single pressed, bgs., divd..lb. .13¼- .14¼
triple pressed, bgs., divd...lb. .16½- .17½
saponif., double pressed, bgs., divd..lb. .14 - .15
triple pressed, bgs., divd..lb. .16¾- .17¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
Tannic, tch., bbls., dms....lb. .66 - .68
USP, fluffy, bbls., 1,000-lb. lots..lb. 1.13 - —
100-lb. lots.....lb. 1.15 - —
25-lb. lots.....lb. 1.18 - —
powd., bbls., 1,000 lbs....lb. 1.03 - —
smaller lots.....lb. 1.05 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt...lb. .63½- —
smaller quantities.....lb. .64 - —
kgs. .....lb. .64½- —
Tobias, bbls.....lb. .55 - .60
Trichloracetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., works...lb. No prices
Aconite, leaves, bls.....lb. .38 - .42
Root, bls.....lb. 1.10 - 1.15
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 - —
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l.....lb. .34½- —
5,000 lbs. or more.....lb. .35 - —
1 ton to 4,999 lbs.....lb. .35½- —
1 dm. to 1 ton.....lb. .36 - —
tank cars.....lb. .34 - —
Adeps lanae, anhyd., dms.....lb. .19 - .20
hyd., dms.....lb. .17 - .18
Agar, 1 bls.....lb. 1.75 Nom.
3 bls.....lb. No prices
Agaric, white, bls.....lb. No stocks
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis.lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .60 - .70
import, bgs.....lb. No prices
Egg, ed., dom., cryst., bbls..lb. 1.55 - 1.60
powd., dms., bbls.....lb. 1.60 - 1.65
import, cs.....lb. No prices
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .131 - —
l.c.l., frt. alld.....lb. .141 - —
tanks, frt. alld.....lb. .121 - —
normal, dms., l.c.l., works..lb. .25 - —
Tertiary, refd., dms., l.c.l., frt. alld..lb. .09 - —
Benzyl, cns.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .11 - —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .10 - —
tankwagon, frt. alld.....lb. .09½- .10½
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .09 - —
l.c.l., same terms.....lb. .09½- —
tanks, same terms.....lb. .08 - —
tertiary, denaturing, c.l., dms. lb. .12½- —
l.c.l., dms.....lb. .13 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
Cinnamic, bots.....lb. 2.33 - 2.95
Denatured, CD14, dms., c.l., divd. E...gal. .36½- .38½
l.c.l., divd., dms.....gal. .41½- .43¼
tanks, E., divd.....gal. .30½- .32½
Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1 190 pf., bbls., c.l., E. works..gal. .35 - —
19 bbls., E. works...gal. .37 - —

Alcohol—Benzoyl Peroxide

Alcohol, SD1, 190 pf., 1 to 18 bbls., E. works..gal. .40 - —
dms., c.l., E. works..gal. .33 - —
19 dms., E. works..gal. .36 - —
1 to 18 dms.....gal. .33 - —
tanks, E. works.....gal. .27 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., works, E. gal. .30½- —
19 dms., works, E...gal. .32½- —
1 to 18 dms., works, E. gal. .35½- —
tanks, E. works.....gal. .24½- —
SD23G, works, E., c.l., dms., gal. .36½- —
19 dms.....gal. .38½- —
1 to 18 dms.....gal. .41½- —
tanks .....gal. .30½- —
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 3c. per gal., in drums, higher.
Special solvent, dms., c.l., works..gal. .34 - —
20 dms., to c.l.....gal. .36 - —
1 to 19 dms.....gal. .39 - —
tanks, E. works.....gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., divd..lb. .11½- .12
l.c.l., divd.....lb. .12 - .12½
tanks, divd.....lb. .10¼- .11
tech., dms., c.l., divd.....lb. .11 - —
l.c.l., divd.....lb. .11½- —
tanks, divd.....lb. .10 - —
Ethyl, 190 pf., ex. molasses, dms., c.l..gal. 6.02½- —
19 dms.....gal. 6.06 - —
5 to 8 dms.....gal. 6.09 - —
1 to 4 dms.....gal. 6.09 - —
tanks .....gal. 5.96½- —
absolute, dms., c.l.....gal. 6.37½- —
19 dms.....gal. 6.41 - —
5 to 18 dms.....gal. 6.44 - —
1 to 4 dms.....gal. 6.44 - —
Ethyl alcohol in bbls. 2c. higher than dms.
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl, refd., dms., works..lb. .0860- —
tanks, same terms.....lb. .0760- —
Isopropyl, refd., 91%, dms., 5 gals., f.o.b. dest..gal. .66½- —
55 gals., c.l., same basis, gal. .35 - —
l.c.l., same basis...gal. .40 - —
tanks, frt. alld.....gal. .30 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .38 - .44
l.c.l., same basis...gal. .43 - .47
tanks, same basis....gal. .33 - .37½
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvenyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .69 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .67 - .70
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N.Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b. Cedar Rapids, Ia., lb. .55 - —
Alcohol, denat., grade., dms., tanks, works..gal. .70 - .72
Aldehyde, bisulphite, bbls., works, lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 55 and 110 gal. dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
5-10-gal. dms., works...lb. .15 - —
Alstris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .67 - .69
Allspice, Mexican, bgs.....lb. .12¾- .13
Alpha tocopherol, ampules, per gram. 1.00 - 1.10
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .53 - .54
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .58 - .60
Aloin, 140-lb. bbls.....lb. 3.95 - —
100-lb. kgs.....lb. 3.97 - —
25-lb. fib. dms.....lb. 4.04 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. 1.20 Nom.
Alum, ammonia, burnt, USP., bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
divd., N. Y., Phil...100 lbs. 3.50 - —
lump, bbls., works....100 lbs. 3.75 - —
divd., N. Y., Phil...100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
divd., N. Y., Phil..100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, divd., N.Y. price apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.75 - —
divd. N. Y., Phila...100 lbs. 3.75 - —
lump, bbls., works....100 lbs. 4.00 - —
divd., N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
divd. N. Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash, chrome, bbls.....lb. No prices
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100-lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 1 to 9 divd.....lb. .40 - —
smaller containers...lb. .50 - —
Alumina acetate, solut., 24%, l.c.l., 10 or over, divd. lb. .09½- —
1 to 9 divd.....lb. .10 - —
normal, solut., 20%, bbls., l.c.l., 10 or over., divd. lb. .08½- —
1 to 9, divd.....lb. .09 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 375 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 90%, solut., bbls., c.l., divd..lb. .13 - —
l.c.l. divd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03¼- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., divd.....lb. .14 - —
l.c.l., bgs., divd.....lb. .14½- —
bbls., c.l., divd.....lb. .14½- —
l.c.l., bbls., divd.....lb. .15 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., divd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .21 - —
l.c.l. .....lb. .22 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald., 100 lbs. 1.40 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., works, frt. equaled, 100 lbs. 1.60 - —
iron free, bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.30 - —
Aluminum, 98-99%, c.l.....lb. .17 - —
l.c.l. .....lb. .18 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .60½- —
ink, dms., 1,500 lbs.....lb. .70½- —
standard, dms., 1,500 lbs...lb. .87½- —
powder, lining, extra fine, dms., 1,500 lbs..lb. .91 - —
standard, dms., 1,500 lbs..lb. .87 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .37 - —
standard, dms., 1,500 lbs..lb. .39 - —
rubber compound, dms., 1,500 lbs..lb. .35 - —
unpolished, dms., 1,500 lbs. lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .41 - —
extra fine, dms., 1,500 lbs.lb. .43 - —
standard, dms., 1,500 lbs..lb. .38 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c, per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ¼ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz.17.00 -18.00
Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia aldehyde, dms., works, lb. .65 - .70
Anhydrous, fertilizer, f. o. b. Belle, W. Va., frt. equal with Hopewell, Va..ton.90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., divd., met. N.Y., lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. or more..lb. .42 - —
1,000 lbs. to 3,900 lbs....lb. .44 - —
900 lbs. or less.....lb. .47 - —
Bicarbonate, dms., divd. Met. N. Y..lb. .0564- .0614
Bichromate. bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .15 - .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .34 - .35
kegs .....lb. .32 - —
Carbonate, lump, dms., divd. Met. N. Y..lb. .03¼- .09¼
cns., same basis.....lb. .14½- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .18
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
25-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., works.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .25
pure gran.....lb. .27 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs., dom.....lb. .21 - .23
Ammonia, phosphate, dibasic, NF V, bls..lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works..unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- .15
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., contr., f.o.b. cars, ports, July-Dec. shipt..ton.29.00 - —
spot, same basis.....ton.30.00 - —
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.
Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works, lb. .07½- —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .07½- —
red, 48%, cbys, works.....lb. .06 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys, works..lb. .06 - —
dms., works.....lb. .06 - —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —
import, csks.....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., divd..lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
cns., works.....lb. .13 - —
ex Pentane, dms., c.l., frt. alld..lb. .12½- —
l.c.l., frt. alld.....lb. .13½- —
tanks, frt. alld.....lb. .11½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chlorides, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .06 - —
l.c.l., works.....lb. .07 - —
tanks, works.....lb. .05 - —
Naphthalenes, mixed, crude, l.c.l., dms., works..lb. .14 - —
refd., l.c.l., dms., works..lb. .16 - —
Nitrite, bots.....lb. 1.60 - 1.65
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, 5 lbs., bots.....lb. .65 - —
cns. .....lb. .52 - .55
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .35 - .50
import., natural, bls.....lb. 1.60 - 1.65
twisted, bls.....lb. 1.95 - 2.00
Angostura bark, bls.....lb. .30 - .35
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .37 - .38
Cyprus, bgs.....lb. .40 - .42
Star .....lb. .20 - .20½
Turkish, afloat, bgs.....lb. .35 - .36
Anisic aldehyde, bots.....lb. 2.60 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06¼
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., works.....lb. .65 - —
lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, brown, Bolivian, 67%, lb. .16 - —
Chinese, black, 70%.....lb. .22 Nom.
Oxide, bgs., c.l., divd.....lb. .13 - —
l.c.l., divd.....lb. .14½- —
Salt, 65%, dms., divd. E. of Miss. River..lb. .30 - —
bbls., same basis.....lb. .28 - —
White pigment, bgs.....lb. .11½- .14½
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -25.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .16 - .17
Arecoline hydrobromide, bots..oz. 6.00 - 7.25
Argols, test 70% to 85%, basis 100%, 100 kgm., purity.... 100 kilos No prices
Arnica flowers, bls.....lb. 5.00 Nom.
Root, bls.....lb. 1.50 Nom.
Arrowroot, St. Vincent, powd., bgs..lb. .10¼- .10¾
bbls. .....lb. .10 - .10¼
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.53 - —
jars .....lb. 5.45 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03¼- —
l.c.l. .....lb. .04½- —
Asafetida, cs.....lb. .45 - .50
powd., bbls., bxs.....lb. .68 - .73
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.15.00 - —
Asphaltum, Manjak No. 10, crude, 20 tons, f.o.b. plant..lb. .04½- —
smaller lots, f.o.b. plant. lb. .05¼- —
process form, bgs., 20 tons, f.o.b. plant..lb. .05 - —
smaller lots, f.o.b. plant. lb. .06 - —
Asphaltum, California, dms., c.l., f.o.b. N. Y..ton.20.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.85.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point..ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
jet, bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery. gal. .12 - —
tanks, Calif., refinery..ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06¾- —
N. Orleans, refinery...gal. .06 - —
Atropine, bots.....oz.16.50 - —
Sulphate, bots.....oz.12.75 - —

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .55 - .60
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 96% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.47.50 - —
l.c.l., works.....ton.52.50 - —
bbls., c.l., works....ton.52.50 - —
l.c.l., works.....ton.57.50 - —
Sulphur-free, c.l., works..ton.50.00 - —
l.c.l., works.....ton.55.00 - —
Chlorate, kgs.....lb. No prices
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., bgs., c.l., Zone 1, divd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis...ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis...ton.92.00 - —
Zone 2, bgs., c.l., divd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Colo., N. Mex., Idaho, Utah, Ariz., ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., divd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .09½- .10½
Oxide, ungrd., dms., c.l., works, lb. .06 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.26.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis, ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York...ton.31.50 - —
Southern, off color, bgs., mines, ton.16.00 - —
95.75%, bgs., mines.....ton.16.50 - —
ore, bulk, mines.....ton. 8.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay Rum, tax extra, import, bbls..gal. .77½- .78½
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. 2.40 - 2.45
Root, bls.....lb. 2.40 Nom.
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .55
N.F. VI, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.00 - —
Benzol, 90%, dms., returnable, works..gal. .19 - —
tankcars, frt. alld. E. of Omaha, gal. .14 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .14 - —
Benzophenone, dms.....lb. .85 - 1.00
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —

Benzyl acetate, f.f.c., cans....lb. .48 - —
dms. ....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans.lb. .84 - —
dms. ....lb. .80 - —
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns. ....lb. 5.25 - 5.50
Formate, cns. ....lb. 2.40 - 2.75
Isoeugenol, bots. ....lb. 9.55 - —
Propionate, bots. ....lb. 2.00 - 2.25
Salicylate, bots. ....lb. 1.45 - 1.60
Bensylidineacetone, bots. ....lb. 2.20 - 2.50
Berberine bisulphate, cns. ....lb.17.75 -27.50
Hydrochloride, cns. ....lb.17.75 -27.50
Sulphate, cns. ....lb.17.75 -27.50
Berberis root, bls. ....lb. .12 - .13
Betanaphthol, sublim., kgs. ....lb. .55 - —
tech., bbls., c.l., works. ....lb. .23 - —
l.c.l., bbls., works. ....lb. .24 - —
Benzoate, fib. dms. ....lb. 2.50 - —
kgs. ....lb. 2.70 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls. ....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.00 - —
jars ....lb. 2.85 - —
Citrate, USP, VIII, 5-lb. bots. lb. 2.86 - —
jars ....lb. 2.75 - —
Hydroxide, 5-lb. bots. ....lb. 3.46 - —
cns. ....lb. 3.35 - —
Metal, ton lots. ....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots. ....lb. 1.45 - —
cns. ....lb. 1.30 - —
Oxychloride, 5-lb. bots. ....lb. 3.19 - —
cns., kgs. ....lb. 3.10 - —
Subbenzoate, 5-lb. bots. ....lb. 3.51 - —
fib. dms. ....lb. 3.40 - —
Subcarbonate, bots., cns. ....lb. 1.59 - 1.85
175-lb. bbls. ....lb. 1.50 - —
X-ray, 5-lb. bots. ....lb. 2.79 - —
fib. dms. ....lb. 2.73 - —
Subgallate, bots., cns. ....lb. 1.49 - 1.72
fib. dms. ....lb. 1.40 - —
Subiodide, bots. ....lb. 4.24 - —
fib. dms. ....lb. 4.13 - —
Subnitrate, powd., bots., cns.lb. 1.29 - 1.57
250-lb. bbls. ....lb. 1.20 - —
Subsalicylate, 60-66%, bots..lb. 2.59 - —
bbls., fib. dms. ....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.74 - —
fib. dms. ....lb. 3.65 - —
Trioxide, powd., 5-lb. bots...lb. 3.74 - —
cns. ....lb. 3.65 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns. ....lb. 3.45 - 3.50
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, c.l. ....lb. .17 - —
l.c.l. ....lb. .17½- —
3, c.l. ....lb. .12 - —
l.c.l. ....lb. .12½- —
4, c.l. ....lb. .11 - —
l.c.l. ....lb. .11½- —
5, c.l. ....lb. .08½- —
l.c.l. ....lb. .09 - —
6, c.l. ....lb. .08½- —
l.c.l. ....lb. .09 - —
7, c.l. ....lb. .11½- —
l.c.l. ....lb. .12 - —
8, c.l. ....lb. .12½- —
l.c.l. ....lb. .13 - —
Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03425- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07½- —
dlvd. ....lb. .07½- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .03350- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07 - —
dlvd. ....lb. .07 - —
bulk, cars, c.l., f.o.b. plants, lb. .03150- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works. ....lb. .08 - —
2, ctns., c.l., works. ....lb. .09 - —
l.c.l., works. ....lb. .10 - —
2A, ctns., c.l., works. ....lb. .11 - —
l.c.l., works. ....lb. .12 - —
3, ctns., c.l., works. ....lb. .13 - —
l.c.l., works. ....lb. .14 - —
4, ctns., c.l., works. ....lb. .15 - —
l.c.l., works. ....lb. .16 - —
5, ctns., c.l., works. ....lb. .17 - —
l.c.l., works. ....lb. .18 - —
6, ctns., c.l., works. ....lb. .24 - —
l.c.l., works. ....lb. .25 - —
7, ctns., c.l., works. ....lb. .34 - —
l.c.l., works. ....lb. .35 - —
Mineral, vine type, bbls., l.c.l., f.o.b. works..lb. .0434- —
Vine, A, bbls., works or N. Y., lb. .04½ Nom.
B, bbls., works or N. Y..lb. .05¾ Nom.
works..lb. .14 Nom.
dms., c.l., frt. alld. ....lb. .09½ Nom.
Black dyes are listed under Dyes.
Black Haw root bark, bls. ....lb. .40 - .45
Tree bark, bls. ....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works. ....ton.62.50 - —
direct process, bgs., c.l., works, frt. equaled..ton.70.00 - —
l.c.l., same basis. ....ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton.35.00 - —
l.c.l., works. ....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works. ....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.50 - —
high-grade, grd., 16-17 ammon, bulk, f.o.b. Chicago, unit-ton. 3.75 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.40 - —
soluble (see Albumen, blood).
Bloodroot, bls. ....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .80 - .85
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Blue, bronze, bbls., same basis, contracts..lb. .33 - —
Celestial, bbls. ....lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .33 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.90 - 3.75
Milori, bbls., same basis, contracts..lb. .33 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, concentrated, same basis, contracts..lb. .32 - —
regular, same basis, contracts, lb. .35 - —
Potash, dom., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .33 - —
Tungstated, peacock, kgs. ....lb. 3.75 - —
Victoria, kgs. ....lb. 3.30 - —
methyl violet, kgs. ....lb. 2.10 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes, 5c. above bbls.
Blue, Victoria, ink toner, bbls., same basis, alkali toner..lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns., tubs. ....lb. 1.67 - 1.84
powd., bots., cns., dms. ....lb. 1.70 - 1.84
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.37.50 - —
import, bgs., c.i.f. ports..ton.28.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.37.00 - —
import, bgs., c.i.f. ports..ton.36.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.40.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.42.00 - —
Boneset leaves, bls. ....lb. .08½- .09
Borage flowers, bls. ....lb. .45 - .46
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.40.50 - —
bgs., c.l., frt. alld. ....ton.43.00 - —
ton lots, ex whse. ....ton.54.00 - —
tech., 99½% gran., bgs., less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld. ....ton.53.00 - —
ton lots, ex whse. ....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —

Benzyl Acetate—Bronze Powder

Borax, tech., 99½%, powd., bgs., c.l., frt. alld. ..ton.48.00 - —
ton lots, ex whse. ..ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld. ..ton.58.00 - —
ton lots, ex whse. ..ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis..lb. .30 - —
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys. ....lb. 1.42 - —
Bromstyrol ....lb. 3.25 - 4.00
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .90 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50

One of Michigan Alkali's full-revolving electric shovels loading limestone at Alpena, Michigan. The quarry is worked 8½ months a year. An average of 10,000 tons is taken out per two-shift day.

Sinking a dynamite charge in the Michigan Alkali quarry, Alpena, Michigan.

BACK when the earth was hundreds of thousands of years younger, strange animals roamed its face. Still others lived in the waters that covered much of what is now dry land. They're gone now, but their skeletons are still here, changed by Nature's chemistry into valuable limestone!

Michigan Alkali Company quarries a 600-acre deposit of high-grade limestone at Alpena, in Northern Michigan. Blasted out of its solid formations, the limestone is scooped into electric cars . . . hauled away to be crushed, screened and recrushed . . . loaded into Michigan Alkali ships . . . then sailed 200 miles down the lakes to Wyandotte where it is combined with brine and coal to produce alkalies.

With 200,000 tons of limestone coming from each acre of this quarry, and with 1,750,000 tons being taken out annually, Michigan Alkali is able to maintain its high output of alkalies; able to supply you with the chemical products you want—when you want them!

MICHIGAN ALKALI COMPANY

PLANTS: WYANDOTTE, MICHIGAN • GENERAL SALES OFFICE: 60 E. 42ND STREET, NEW YORK CITY

DISTRIBUTORS IN ALL PRINCIPAL CITIES • Manufacturers of: Soda Ash • Caustic Soda • Dry Ice Bicarbonate of Soda • Calcium Chloride • Liquid Chlorine • Calcium Carbonate • Coke • Cement

Broomtops—Cottonseed Meal

Broomtops, bls.....lb. .15 - .16
Brown, iron oxide, pure precip., cks., f.o.b. N. Y..lb. .12 - —
Metallic, iron oxide, bbls., wks., lb. .02¾- —
paper bgs., c.l., works....lb. .0260- —
Sap, crystals, dom., works...lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- —
Italian, Group 1, bbls., f.o.b. N. Y. or Pr. points..lb. .13½ Nom.
2 bbls., same basis....lb. .12½ Nom.
Italian, group 3, bbls., same basis..lb. .11½ Nom.
4, bbls., same basis....lb. .10 Nom.
5, bbls., same basis....lb. .10 Nom.
6, bbls., same basis....lb. .09½ Nom.
7, bbls., same basis....lb. .09¼ Nom.
8, bbls., same basis....lb. .09 Nom.
9, bbls., same basis....lb. .08½ Nom.
10, bbls., same basis....lb. .08½ Nom.
11, bbls., same basis....lb. .08 Nom.
12, bbls., same basis....lb. .07½ Nom.
13, bbls., same basis....lb. .07¼ Nom.
14, bbls., same basis....lb. .06¾ Nom.
raw, American, bbls., f.o.b. works..lb. .03¾- —
Italian, Group 1, bbls., f.o.b. N. Y. o r works..lb. .13¾ Nom.
2, bbls., same basis....lb. .12½ Nom.
3, bbls., same basis....lb. .12¾ Nom.
4, bbls., same basis....lb. .10¾ nom.
5, bbls., same basis....lb. .10¾ Nom.
6, bbls., same basis....lb. .09¾ Nom.
7, bbls., same basis....lb. .10 Nom.
8, bbls., same basis....lb. .06½ Nom.
9, bbls., same basis....lb. .08 Nom.
10, bbls., same basis....lb. .07¼ Nom.
11, bbls., same basis....lb. .06¼ Nom.
Umber, American, bbls., works, lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y..lb. .05 - —
St. Louis.....lb. .05½- —
ex car Los Angeles.....lb. .05¾- —
Portland, San Francisco, Seattle.....lb. .05¾- —
ex whse. Los Angeles..lb. .06¼- —
Portland, San Francisco, Seattle..lb. .06 - —
Boston .....lb. .05 - —
Chicago, Indianapolis, New Orleans..lb. .05½- —
Kansas City.....lb. .06 - —
Minneapolis .....lb. .0560- —
Pittsburgh .....lb. .05½- —
Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special .....lb. .12 - —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .60 - .61
Buckthorn bark, true, bls....lb. .75 - .80
cut and sifted, bbls.....lb. .75 - .80
Berries, bgs.....lb. .35 - .40
Burdock root, bls.....lb. .40 - .45
Burgundy pitch, dom., dms...lb. .06 - .06½
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., frt. alld..lb. .11 - —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .10 - —
tankwagons, frt. alld...lb. .10½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .09 - —
dms., l.c.l., same terms.lb. .09½- —
tanks, same terms.....lb. .08 - —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16¼- .17½
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .25 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., divd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .32½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —
Butane, coml., 16-34°, tanks, group 3..gal. .02¼- .03

C

Cadmium, brom de, 25-lb. jars, 50 lbs. or more..lb. 1.65 - —
single jars.....lb. 1.70 - —
5-lb. bots.....lb. 1.84 - —
Cyanide, 25-lb. bots., divd...lb. 3.00 - —
25-lb. cks., divd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.23 - —
25-lb. cans.....lb. 4.09 - —
Lithopone (see Yellow).
Metal, pat. shapes, cs.....lb. .95 Nom.
ingots or sticks.....lb. .90 Nom
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms. lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lbs. cns.....lb. 2.70 - —
1,000 lbs. or more, 100-lb. dms., lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. cns.....lb. 2.75 - —
100 lbs. or more, 100-lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10-lb. cns., lb. 3.15 - —
Citrated, bots.....lb 2.30 Nom.
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. .85 Nom.
bleached, bls.....lb. No stocks
dom., natural, bls.....lb. .40 - .45
Calcium acetate, bgs., divd., 100 lbs. 3.00 - —
Arsenate, bgs., c.l.....lb. .06¼- .07½
l.c.l. .....lb. .06¾- .07¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 99 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., divd. 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse, 100 lbs. 4.85 - —
Calcium carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs., 77-80%, c.l., divd..ton.20.50 - 35.60
l.c.l., 1 ton or more, divd., 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, wks., ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., divd..ton.19.00 -33.00
l.c.l., 1 ton or over, divd., 100 lbs. 1.53 - 2.25
Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.
Gluconate, USP, gran., 150-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Powd., 2c. per lb. higher.
Glycerophosphate, fib. dms.... 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphate, cns.....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .24 - .25
Mandelate, dense, dms.....lb. 2.05 - —
fluffy, dms.....lb. 2.05 - —
Nitrate, fertilizer grade, bgs., to fert. mfrs., ex easel Atlantic or Gulf ports..ton. No prices
tech., bbls., ton lots, works, lb. .12½- —
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l. Atlantic ports, shipt. unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .24 - —
l.c.l., ton.....lb. .25 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - .50
Calendula flowers, blr .....lb. .85 - .90
Calomel, bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs...lb. .80 Nom.
slabs, cs.....lb. .80 Nom.
tablets, tins.....lb. .87 Nom.
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works....lb. .41 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots....lb. .78 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs...lb. .04 - .04¾
Morocco, bgs.....lb. .05¼- .05¾
Turkish, bgs.....lb. No stocks
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 3.00 - 3.05
powd., bxs.....lb. 3.25 - 3.30
Capsicum (see Pepper, red).
Caraway, Dutch, bgs.....lb. .83 - .85
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld..lb. .225- —
l.c.l., same basis.....lb. .235- —
tanks, same basis.....lb. .215- —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. to Miss. R., N. or Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07¼
l.c.l., same basis.....lb. .08 - .08¼
Dioxide, cyls.....lb. .06 - .06
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .86 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld..gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.45 - 1.60
decorticated, cs.....lb. 1.20 - 1.30
green, Ceylon, afloat, bgs...lb. 1.30 - 1.50
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .18 - .19
Case-hardening mixture, 30% dump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd..lb. .22½- .23
5 tons, works.....lb. .22¾- .23¼
smaller lots, works....lb. .23 - .23¼
80-100 mesh, works.....lb. .23 - .23½
5 tons, works.....lb. .23¼- .23¾
smaller lots, works....lb. .23½- .24
import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb .21¾- —
80-100 mesh, bgs., c.l., duty paid..lb. .22½- —
French, 30 mesh., bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh., c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .20½- .21
No. 1, regular, bls.....lb. .20 - .20½
shortstick, bls.....lb. .17 - .17⅛
broken, bls.....lb. .15½- .16
China, buds, bags.....lb. .14¼- .14½
Rolls select, bls.....lb. .14 - .14½
broken, extra, bls.....lb. .13 - .13½
Saigon, No. 1, 4-10-4, bls....lb. .30 - .30½
16-6-2, bls.....lb. .32 - .32½
all thin, bls.....lb. .34 - .35
Cassia fistula, oakts.....lb. .22 - .24
Castoreum, nat., cns.....lb.12.50 -15.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't, c.&f., N. Y..long ton.69.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .85 - .86
Indian .....lb. .48 - .50
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld., lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
acetate-propionate, high (20-40% propionyl content), 100-lbs. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld., lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Triacetate, flake, frt. alld....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs...lb. .85 - 1.00
Roman, bls.....lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., divd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo. .....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.27.00 - —
Indiana .....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia..ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan .....ton.32.80 - —
Ohio .....ton.32.80 - —
Penn. .....ton.34.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .0240- —
l.c.l., bbls., works.....lb. .0265- —
tanks, works.....lb. .0190- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works.. ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.18.60 -25.00
powd., cks., l.c.l., ex whse., ton.45.00 - —
Chloral hydrate, jars, 1,000 lbs.lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., divd., N.Y..lb. .05¼- —
contracts, divd., N. Y....lb. .05¼- —
l.c.l., divd. N. Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75- —
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.40 - —
1, works, frt., equald., 100 lbs. 2.90 - —
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., frt. alld..lb. .90 - —
100-lb. cyls., frt. alld.....lb. .85 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., case 12, works, lb. 1.25 - —
Chrome acetate, powd., 24%, bbls., lb. .21½- —
solut., 8½%, cs., bbls.....lb. No price
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .85 - .90
20 in., thick, cs.....lb. .85 - .90
20 in., medium, cs.....lb. .85 - .90
USP, broken quill, red, bgs..lb. .20 - .21
yellow, bgs.....lb. .20 - .21
Cinchonidine, small crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cns., 100 ozs.oz. .53 - —

Cinchonidine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small crys., cns., 100 ozs. oz. .62 - —
large cryst., cns., 100 ozs.oz. .66 - —
Sulphate, N.F., cns., 100 ozs..oz. .42 - —

Cinchonine buyers must pay a surcharge of 3½c. per oz. to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms., lb. 3.55 - 3.60
1 and 5-lb. bots.....lb. 3.70 - 3.80
100 lbs., dms.....lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, 99-100% pure, cbys., cns..lb. 1.10 - 1.20
Cinnamon, Ceylon, 2 bls.....lb. .23½- .24
3 bls.....lb. No stocks
Citral, bots., cns.....lb. 3.00 - 4.00
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. 1.50 - 2.25
Citronellol, bots., dms.....lb. 1.75 - 2.00
Clove, Amboyna, bgs.....lb. .25 - .26
Zanzibar .....lb. .15½- .16
Zanzibar .....lb. .14¾- .15¼
Clover tops, red, bgs.....lb. .35 - .40
dom., bgs.....lb. .30 - .35
Coaltar, coal-gas, crude, bbls., c.l., works..bbls. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07¼- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08¼- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works...dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., divd. lb. .80½- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.98 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .53 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, cobalt oxide, bbls....lb. .13 - —
2 %, cobalt oxide, bbls....lb. .14 - —
3½%, cobalt oxide, bbls....lb. .17½- —
precip., dms., divd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .22¾- .24
Cocillana bark, bgs.....lb. .23 - .25
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz.36.00 - —
Colocynth seed, bgs.....lb. 2.50 Nom.
Collodion, USP, dms., 325 lbs..lb. .15 - —
cns., 25 lbs.....lb. .19 - .20
flexible, USP, dms., 325 lbs..lb. .17 - —
cns., 25 lbs.....lb. .21 - .22
Colocynth pulp, bls.....lb. .95 - 1.00
Colombo root, bls.....lb. .20 - .21
Coltsfoot leaves, bgs.....lb. .35 - .40
Condurango bark, bgs.....lb. .10 - .11
Conium leaves, bls.....lb. .30 - .32
Copaiba, balsam, Para, cns....lb. .32 - .33
S.A., USP, cns.....lb. .34 - .35
Copper acetate, normal, bbls., divd..lb. .24 - —
smaller containers, divd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .18 - .20¼
Chloride, anhyd., bbls.....lb. .19½- —
cryst. .....lb. .18½- .14¼
Cyanide, tech., bbls.....lb. .34 - .36
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .12 - .12¼
Nitrate, cryst., bbls.....lb. .20 Nom.
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .19½- .21
Red, com'l, kgs., f.o.b. N. Y. lb. .20 - .22
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls, c.l., f.o.b. works..100 lbs. 5.00 - 5.50
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.15 - 5.65
6-15 bbls., same basis, 100 lbs. 5.25 - 5.75
1-5 bbls., same basis, 100 lbs. 5.50 - 6.00
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 8.95 - —
l.c.l., dealers.....100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship.....lb. .0390 Nom.
Coriander, bgs.....lb. .09¾- .10¼
bleached, bgs.....lb. .12 - .12½
Corn silk, bls.....lb. .22 - .23
Corn sugar, tanners', chipped, bags, c.l., divd..100 lbs. 4.05 - —
slabs, bbls., c.l.....100 lbs. 3.41 - —
solid, bbls., c.l.....100 lbs. 3.53 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.52 - —
43°, bbls., c.l.....100 lbs. 3.57 - —
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.39 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed, hull ash, 32-36% pot-ash, bgs., divd...unit-ton. 1.00 - —
meal, 8%, Southeast, mills..ton.34.00 -34.50

Coumarin, 5 lbs. or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .45
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .52½- —
smaller lots, bbls.....lb. .53 - —
kgs.....lb. .53½- —
Creosote, beechwood, bots.....lb. .70 Nom.
hardwood, USP, bots.....lb. .45 - .47
pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.90 - 2.20
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .10¼- —
l.c.l., same basis.....lb. .10¾- —
special resin grade, dms., c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .06½- —
l.c.l., works.....lb. .09¼- —
natural, c.l.....100 lbs. 8.75 - —
l.c.l.....100 lbs. 9.25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N. Y. C..lb. .27 - .28
4% rotenone prices are 3c. per lb. less.
Cubeb berries, XX, bgs.....lb. .48 - .50
powd., cs.....lb. .53 - .54
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .18½- 19
Cyprus, bgs.....lb. .19 - .19½
Indian, bgs.....lb. .17¼- .17¾
Persian, bgs.....lb. .17½- .18
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04¾- —
Cyanamide, 22% N, pulv., bgs., divd., contracts, N..unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works..lb. .16 - —
Cyclohexanol, 98-100%, dms., works..lb. .28 - —
Cyclohexanone, 98-100%, dms., works..lb. .32 - —
Cyclopropane, USP, cyls., divd., gal. .27 - —

D

Damiana leaves, bls.....lb. .16 - .17
Dandelion root, bls.....lb. .60 - .65
Decanol, normal, tech., 360 lbs., dms., divd..lb. .35 - —
Deertongue leaves, bls.....lb. .12 - .14
Degras, common, dom., bbls...lb. .08¼- .08¾
neutral, dom., obls.....lb. .15 - .17
Derris root, powd., 5% rotenone, bbls., f.o.b. N. Y..lb. .28 - .30
4% rotenone prices are 3c. per lb. less.
Derris, extract, 25% rotenone, bulk, cns..lb. 3.00 - 4.00
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Potato, bgs., dom., c.l.....lb. .08½- —
l.c.l., bgs.....lb. .09½- .10
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., divd...lb. .21 - —
l.c.l., divd.....lb. .21½- —
tanks, divd.....lb. .20 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
Import, Algerian, bgs., c.l., c.i.f. ton. No prices
Mexican, white, bgs., c.l., c.i.f. lb. .02 - .03
l.c.l.....lb. .04 - .06
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l.....lb. .53 - —
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., divd...lb. .19 - .20
l.c.l., divd.....lb. .19½- .20½
tanks, divd.....lb. .18 - .19
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentanes, dms., c.l., works...lb. .032- —
l.c.l.....lb. .04 - —
tanks.....lb. 025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½ —
Diethylamine, dms., l.c.l., works, lb. 70 - —
Diethylamino ethanol, l.c.l., dms., works, frt. alld. E. of Miss. river, l.c.l., dms..lb. .75 - —
Diethylanilin, dms.....lb. 40 - —
Diethylcarbonate, com'l, dms..lb. 25 - —
refd., 99%, dms.....lb. 35 - —
Oxalate, dms., l.c.l., divd....lb. 28 - —

Diethyl phthalate, dms., c.l., divd..lb. .20 - —
l.c.l.....lb. .20½- —
tanks.....lb. .19 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethyleneglycol, dms., c.l., works, lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .40 - .42
Digiycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works.lb. .19 - —
Dillseed, cleaned, bgs.....lb. .06¾- .08¾
Dimethyl phthalate, dms., c.l., divd..lb. .20 - —
l.c.l., divd.....lb. .20½- —
tanks, divd.....lb. .19 - —
Dimethylamine, dms., c.l., divd.lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, divd..lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —

Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
dest., dist., dms.....gal. .43 - .45
tanks.....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
cns.....lb. .48 - .50
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs. or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-divi, Columbian.....ton.42.00 - —
Venezuelan.....ton.45.00 - —
Doggrass root, imp. cut, NF, bls. lb. .88 - 1.00
domestic, bls.....lb. .36 - .37
Dogwood bark, Jamaica, bls...lb. .08 - .09
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green FD&C green, No. 2, cns. lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
FD&C green, No. 1, cns.. lb.13.50 - —

Coumarin—Dyes

Dyes, coaltar (certified colors), for foods, drugs and cosmetics:—
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 5, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —

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1881

1941

* In 1941 Solvay celebrates the 60th Anniversary of its Founding.

Broomtops—Cottonseed Meal

Broomtops, bls.	lb.	.15	- .16
Brown, iron oxide, pure precip., cks., f.o.b. N. Y.	lb.	.12	- —
Metallic, iron oxide, bbls., wks.,	lb.	.02¾-	—
paper bgs., c.l., works	lb.	.0260-	—
Sap, crystals, dom., works	lb.	.12	- —
powdered	lb.	.13	- —
Sienna, burnt, American, bbls., f.o.b. works	lb.	.03½-	—
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points	lb.	.13½	Nom.
2 bbls., same basis	lb.	.12½	Nom.
Italian, group 3, bbls., same basis	lb.	.11½	Nom.
4, bbls., same basis	lb.	.10	Nom.
5, bbls., same basis	lb.	.10	Nom.
6, bbls., same basis	lb.	.09½	Nom.
7, bbls., same basis	lb.	.09¼	Nom.
8, bbls., same basis	lb.	.09	Nom.
9, bbls., same basis	lb.	.08½	Nom.
10, bbls., same basis	lb.	.08½	Nom.
11, bbls., same basis	lb.	.08	Nom.
12, bbls., same basis	lb.	.07½	Nom.
13, bbls., same basis	lb.	.07¼	Nom.
14, bbls., same basis	lb.	.06¾	Nom.
raw, American, bbls., f.o.b. works	lb.	.03¼-	—
Italian, Group 1, bbls., f.o.b. N. Y. or works	lb.	.13¾	Nom.
2, bbls., same basis	lb.	.12½	Nom.
3, bbls., same basis	lb.	.12¾	Nom.
4, bbls., same basis	lb.	.10¾	nom.
5, bbls., same basis	lb.	.10¾	Nom.
6, bbls., same basis	lb.	.09¾	Nom.
7, bbls., same basis	lb.	.10	Nom.
8, bbls., same basis	lb.	.08½	Nom.
9, bbls., same basis	lb.	.08	Nom.
10, bbls., same basis	lb.	.07¼	Nom.
11, bbls., same basis	lb.	.06¼	Nom.
Umber, American, bbls., works.	lb.	.03¾-	—
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.	lb.	.05	- —
St. Louis	lb.	.05½-	—
ex car Los Angeles	lb.	.05¾-	—
Portland, San Francisco, Seattle	lb.	.05¾-	—
ex whse. Los Angeles	lb.	.06½-	—
Portland, San Francisco, Seattle	lb.	.06	- —
Boston	lb.	.05	- —
Chicago, Indianapolis, New Orleans	lb.	.05½-	—
Kansas City	lb.	.06	- —
Minneapolis	lb.	.0560-	—
Pittsburgh	lb.	.05¼-	—
Vandyke, regular, bbls., l.c.l., works	lb.	.09	- —
special	lb.	.12	- —
Brucine, 100 oz., cns.	oz.	.15	- —
Sulphate, 100 oz., cns.	oz.	.12	- —
Bryonia root, bls.	lb.	.28	- .30
Buchu leaves, bls.	lb.	.60	- .61
Buckthorn bark, true, bls.	lb.	.75	- .80
cut and sifted, bbls.	lb.	.75	- .80
Berries, bgs.	lb.	.35	- .40
Burdock root, bls.	lb.	.40	- .45
Burgundy pitch, dom., dms.	lb.	.06	- .06¼
Butternut bark, bls.	lb.	.07	- .08
Butyl acetate, norm., dms., c.l., frt. alld.	lb.	.11	- —
l.c.l., frt. alld.	lb.	.11½	- —
tanks, frt. alld.	lb.	.10	- —
tankwagons, frt. alld.	lb.	.10½-	—
secondary, dms., c.l., frt. pd. E. of Miss. R.	lb.	.09	- —
dms., l.c.l., same terms	lb.	.09½-	—
tanks, same terms	lb.	.08	- —
Alcohol (see Alcohol).			
Aldehyde, dms., c.l., works	lb.	.15½-	—
l.c.l., works	lb.	.16¼-	.17¼
tanks, works	lb.	.14½-	—
Carbinol, secondary, l.c.l., dms., works	lb.	.60	- —
Chloride, normal, dms., c.l., works	lb.	.20	- —
l.c.l.	lb.	.23	- —
Ether (see under Ether).			
Lactate, dms.	lb.	.22¼-	—
Propionate, dms., dlvd.	lb.	.16½-	.17
tanks	lb.	.15½-	—
Stearate, dms.	lb.	.32½-	—
Butyric ether, bots.	gal.	6.50	- 6.95
cns., works	lb.	.65	- .70
dms., frt. alld. Met. N. Y.	lb.	.60	- —
Butane, coml., 16-34°, tanks, group 3	gal.	.02½-	.03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more	lb.	1.65	- —
single jars	lb.	1.70	- —
5-lb. bots.	lb.	1.84	- —
Cyanide, 25-lb. bots., dlvd.	lb.	3.00	- —
25-lb. cks., dlvd.	lb.	3.50	- —
Iodide, 5-lb. bots.	lb.	4.23	- —
25-lb. cans	lb.	4.09	- —
Lithopone (see Yellow).			
Metal, pat. shapes, cs.	lb.	.95	Nom.
ingots or sticks	lb.	.90	Nom.
Red (see Red).			
Selenide (see Red).			
Sulphite (see Yellow).			
Caffeine, 10,000 lbs. or more, 100 lb. dms.	lb.	2.60	- —
25 lb. dms.	lb.	2.63	- —
10 lb. cns.	lb.	2.65	- —
2,000 lbs. or more, 100-lb. dms.	lb.	2.65	- —
25 lb. dms.	lb.	2.68	- —
10 lbs. cns.	lb.	2.70	- —
1,000 lbs. or more, 100-lb. dms.,	lb.	2.70	- —
25 lb. dms.	lb.	2.73	- —
10 lb. cns.	lb.	2.75	- —
100 lbs. or more, 100-lb. dms.	lb.	2.80	- —
25 lb. dms.	lb.	2.83	- —
10 lb. cns.	lb.	2.85	- —
less than 100 lbs., 10-lb. cns.,	lb.	3.15	- —
Citrated, bots.	lb	2.30	Nom.
Hydrobromide, bots.	lb.	5.29	- 5.37
Calabar beans, bgs.	lb.	.25	- .80
Calamus root, peeled, N. F., cs.,	lb.	.85	Nom.
bleached, bls.	lb.	No stocks	
dom., natural, bls.	lb.	.40	- .45
Calcium acetate, bgs., dlvd., 100 lbs.		3.00	- —
Arsenate, bgs., c.l.	lb.	.06¾-	.07½
l.c.l.	lb.	.06¾-	.07¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 99 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.			
Bromide, 100 lbs., works, frt. equaled	lb.	.65	- —
50 lbs., works	lb.	.67	- —
25 lbs., works	lb.	.70	- —
Carbide, dms., c.l., dlvd. 100 lbs.		4.75	- —
l.c.l., f.o.b. warehouse, 100 lbs.		4.85	- —
Calcium carbonate (see Chalk and Whiting).			
Chloride, flake, paper bgs., 77-80%, c.l., dlvd.	ton.	20.50	- 35.00
l.c.l., 1 ton or more, dlvd., 100 lbs.		1.63	- 2.35
liquor, basis 40%, tanks, wks.,	ton.	7.50	- —
solid, dom., 73-75%, dms., c.l., dlvd.	ton.	19.00	-33.00
l.c.l., 1 ton or over, dlvd., 100 lbs.		1.53	- 2.25

Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.30 per ton over paper bags, and drums $3.50 per ton over paper bags.

Gluconate, USP, gran., 150-lb. bbls.	lb.	.50	- —
dms.	lb.	.55	- .57
cns.	lb.	.68	- .85
Powd., 2c. per lb. higher.			
Glycerophosphate, fib. dms., 1,000-lb. lots	lb.	1.10	- —
smaller lots	lb.	1.25	- —
cns., 25 lbs.	lb.	1.50	- —
Hypophosphate, cns.	lb.	.62	- .65
Iodide, bots., jars	lb.	4.04	- 4.19
Lactate, USP, bbls., 200 lbs.	lb.	.24	- .25
Mandelate, dense, dms.	lb.	2.05	- —
fluffy, dms.	lb.	2.05	- —
Nitrate, fertilizer grade, bgs., to fert. mfrs., ex essel Atlantic or Gulf ports.	ton.	No prices	
tech., bbls., ton lots, works,	lb.	.12½-	—
Palmitate, bbls.	lb.	.22	- .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton.		No prices	
tribasic, c.l., bbls., works	lb.	.0635-	—
l.c.l., bbls.	lb.	.0705-	—
Resinate, precip., bbls., 1 ton lots	lb.	.13	- —
smaller lots	lb.	.14	- —
Stearate, precip., bbls., ctns., c.l.	lb.	.24	- —
l.c.l., ton	lb.	.25	- —
Sulphate (see Gypsum).			
Sulphide, 70%, CaS, bgs., c.l., works.	ton.	46.00	- —
80%, CaS, bgs., c.l., works.	ton.	51.00	- —
luminous, dom., tins, works, 100 lbs.		1.25	- —
Sulphocarbolate, 200-lb. bbls.	lb.	.48	- .50
Calendula flowers, bls.	lb.	.85	- .90
Calomel, bbls., fib. drms., kgs., 50 lbs. or more	lb.	2.95	- —
Camphor, natural, powd., cs.	lb.	.80	Nom.
slabs, cs.	lb.	.80	Nom.
tablets, tins	lb.	.87	Nom.
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works.	lb.	.36	- —
smaller lots, works	lb.	.41	- —
USP, or import, gran., powd., bbls., 2,000-lb. lots.	lb.	.60	- —
1,000-lb. lots	lb.	.61	- —
smaller lots	lb.	.62	- —
tablets, 2,000-lb. lots	lb.	.73	- —
1,000-lb. lots	lb.	.74	- —
smaller lots	lb.	.75	- —
Monobromate, bxs., kgs.	lb.	2.00	- 2.05
Canada balsam (see Fir balsam).			
Canary seed, Argentine, bgs.	lb.	.04	- .04¾
Morocco, bgs.	lb.	.05¼-	.05¾
Turkish, bgs.	lb.	No stocks	
Canella alba bark, bls.	lb.	.45	- .50
Cantharides, Chinese, cs.	lb.	1.50	- 1.60
powd., bxs.	lb.	1.75	- 1.85
Russian, cs.	lb.	3.00	- 3.05
powd., bxs.	lb.	3.25	- 3.30
Capsicum (see Pepper, red).			
Caraway, Dutch, bgs.	lb.	.83	- .85
Carbazole, 95%, dms., ton lots, works.	lb.	.70	- —
smaller quantities, works.	lb.	.80	- —
98%, dms., ton lots, works.	lb.	.75	- —
smaller quantities, works.	lb.	.85	- —
Carbinol, butyl, norm. (see Amyl alcohol, normal).			
Diethyl, l.c.l., works	lb.	.60	- —
Dimethylethyl, l.c.l., works	lb.	.60	- —
Isobutyl, l.c.l., dms., frt. alld.	lb.	.225	- —
l.c.l., same basis	lb.	.235	- —
tanks, same basis	lb.	.215	- —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R.	lb.	.05	- —
l.c.l., same basis	lb.	.05¾-	—
5-gal. dms., c.l., same basis.	lb.	.07	- .07¼
l.c.l., same basis	lb.	.08	- .08¼
Dioxide, cyls.	lb.	.06	- .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld.	gal.	.66½-	—
l.c.l., frt. alld.	gal.	.73	- —
5 or 10-gal. dms., c.l., frt. alld.	gal.	.90	- —
l.c.l., frt. alld.	gal.	1.00	- —
Zone 2, 52½-gal. dms., c.l., frt. alld.	gal.	.73	- —
l.c.l., frt. alld.	gal.	.80	- —
5 or 10-gal. dms., c.l., frt. alld.	gal.	.97	- —
l.c.l., frt. alld.	gal.	1.07	- —
Zone 3, 52½-gal. dms., c.l., frt. alld.	gal.	.87	- —
l.c.l., frt. alld.	gal.	.93	- —
5 or 10-gal. dms., c.l., frt. alld.	gal.	1.10	- —
l.c.l., frt. alld.	gal.	1.20	- —
Zone 4, 52½-gal. dms., c.l.	gal.	.83	- —
l.c.l.	gal.	.90	- —
5 or 10-gal. dms., c.l.	gal.	1.07	- —
l.c.l.	gal.	1.17	- —

All prices on carbon tetrachloride are frt alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.	lb.	1.45	- 1.60
decorticated, cs.	lb.	1.20	- 1.30
green, Ceylon, afloat, bgs.	lb.	1.30	- 1.50
Carob bean flour (see Gum, Locust bean).			
Carvol, bots., drms. of Zone 4, in which	lb.	4.00	- 4.25
Cascara sagrada bark, bulk	lb.	.18	- .19
Case-hardening mixture, 30% jump, dms., l.c.l.	lb.	.09	- —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.	lb.	.22½-	.23
5 tons, works	lb.	.22½-	.23¼
smaller lots, works	lb.	.23	- .23½
80-100 mesh, works	lb.	.23	- .23¾
5 tons, works	lb.	.23¼-	.23¾
smaller lots, works	lb.	.23½-	.24
Import, Argent., 20-30 mesh, bgs., c.l., duty paid	lb.	.21¾-	—
80-100 mesh, bgs., c.l., duty paid	lb.	.22½-	—
French, 30 mesh, bgs., c.l., duty paid	lb.	No prices	
New Zealand, 20-30 mesh, c.l., bgs., duty paid	lb.	No prices	
Cassia, Batavia, No. 1, thin quill, bls.	lb.	.20½-	.21
No. 1, regular, bls.	lb.	.20	- .20½
shortstick, bls.	lb.	.17	- .17¾
broken, bls.	lb.	.15½-	.16
China, buds, bags	lb.	.14¼-	.14½
Rolls, select, bls.	lb.	.14	- .14½
broken, extra, bls.	lb.	.13	- .13½
Saigon, No. 1, 4-10-4, bls.	lb.	.30	- .30½
16-6-2, bls.	lb.	.32	- .32½
all thin, bls.	lb.	.34	- .35
Cassia fistula, bskts.	lb.	.22	- .24
Castoreum, nat., cns.	lb.	12.50	-15.00
synth., bots.	lb.	19.00	- —
Castor beans, Brazilian, ship't, c.&f., N. Y.	long ton.	69.00	- —
Oil (see Oil, castor).			
Pomace, dom., 6½% ammon., bgs., c.l., works.	ton.	15.00	- —
import, bgs., c.i.f. ports, shipment.	ton.	No prices	
Celery seed, French, bgs.	lb.	.85	- .86
Indian	lb.	.48	- .50
Celluloid scrap (see Pyroxylin scrap).			
Cellulose, acetate, flake, gran., frt. alld.	lb.	.30	- —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.45	- —
1,000-4,900 lbs., frt. alld.	lb.	.46	- —
100-900 lbs., frt. alld.	lb.	.47	- —
smaller pkgs., works	lb.	.48	- —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.41	- —
1,000-4,900 lbs., frt. alld.	lb.	.42	- —
100-900 lbs., frt. alld.	lb.	.43	- —
smaller pkgs., works	lb.	.44	- —
medium (10-10.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.43	- —
1,000-4,900 lbs., frt. alld.	lb.	.44	- —
100-900 lbs., frt. alld.	lb.	.45	- —
smaller pkgs., works	lb.	.46	- —
acetate-propionate, high (20-40% propionyl content), 100-lbs. ctn., 5,000 lbs. and up, frt. alld.	lb.	.45	- —
1,000-4,900 lbs., frt. alld.	lb.	.46	- —
100-900 lbs., frt. alld.	lb.	.47	- —
smaller pkgs., works	lb.	.48	- —
low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.41	- —
1,000-4,900 lbs., frt. alld.	lb.	.42	- —
100-900 lbs., frt. alld.	lb.	.43	- —
smaller pkgs., works	lb.	.44	- —
medium (10-19.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld.	lb.	.43	- —
1,000-4,900 lbs., frt. alld.	lb.	.44	- —
100-900 lbs., frt. alld.	lb.	.45	- —
smaller pkgs., works	lb.	.46	- —
Triacetate, flake, frt. alld.	lb.	.30	- —
Cerium hydrate, dms., works.	lb.	.80	- —
oxalate, USP, bbls., works.	lb.	.35	- —
kgs., works	lb.	.37	- —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works.	lb.	.02¾-	—
cks., 250 lbs., c.l., f.o.b. works.	lb.	.03¼-	—
Chamomile flowers, Hungarian, genuine, cs.	lb.	.85	- 1.00
Roman, bls.	lb.	3.25	Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	35.40	- —
Colo.	ton.	32.00	- —
Conn., Me., Mass., N. H., R. I., Vt.	ton.	35.80	- —
Ill. (except river point), Minn., Neb., Wis.	ton.	27.00	- —
Indiana	ton.	31.00	- —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia.	ton.	25.00	- —
Kansas, El Paso, Tex.	ton.	26.00	- —
Michigan	ton.	32.80	- —
Ohio	ton.	32.80	- —
Penn.	ton.	34.80	- —
Utah	ton.	36.00	- —
Willow, powd., bbls.	lb.	.06	- .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works.	lb.	.0240-	—
l.c.l., bbls., works.	lb.	.0265-	—
tanks, works.	lb.	.0190-	—
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works.	ton.	9.50	- —
l.c.l., works.	ton.	10.00	-16.00
bulk, c.l., works.	ton.	7.60	- —
200 mesh, bgs., c.l., works.	ton.	8.50	- —
l.c.l., works.	ton.	9.50	-15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works.	ton.	9.50	- —
paper bgs., c.l., works.	ton.	12.50	- —
Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila.	ton.	18.60	-25.00
powd., cks., l.c.l., ex whse.,	ton.	45.00	- —
Chloral hydrate, jars, 1,000 lbs.	lb.	.93	- 1.02
500 lbs.	lb.	.96	- 1.02
100 lbs.	lb.	.98	- 1.07
25 lbs.	lb.	1.00	- 1.09
1-10 lbs.	lb.	1.03	- 1.12
dms., 1,000 lbs.	lb.	.90	- —
500 lbs.	lb.	.93	- —
100 lbs.	lb.	.95	- —
Chlorinated rubber, standard, c.l., ctns., works.	lb.	.32	- —
100 lbs., ctns.	lb.	.35	- —
smaller lots.	lb.	.38	- —
Chlorine, liq., cyls., c.l., dlvd., N.Y.	lb.	.05½-	—
contracts, dlvd., N. Y.	lb.	.05¼-	—
l.c.l., dlvd. N. Y.	lb.	.07¼-	—
tanks, single units, works, frt. equald.	100 lbs.	1.75	- —
multiple unit, 3 or over, works, frt. equald.	100 lbs.	1.90	- —
2, works, frt. equald., 100 lbs.		2.40	- —
1, works, frt., equald., 100 lbs.		2.90	- —
Chloroform, tech., 650-lb. dms.	lb.	.20	- —
100-lb. dms.	lb.	.22	- —
50-lb. dms.	lb.	.23	- —
USP, 650-lb. dms.	lb.	.30	- —
100-lb. dms.	lb.	.32	- —
50-lb. dms.	lb.	.33	- —
Chlorpicrin, com'l, 180-lb. cyls., frt. alld.	lb.	.80	- —
100-lb. cyls., frt. alld.	lb.	.85	- —
25-lb. cyls., works	lb.	1.00	- 1.15
1-lb. bot., case 12, works,	lb.	1.25	- —
Chrome acetate, powd., 24%, bbls.,	lb.	.21½-	—
solut., 8½%, cs., bbls.	lb.	No price	
Cake, bulk, c.l., works.	ton.	16.00	- —
Green (see Green, chrome).			
Oxide (see Green, chrome).			
Sulphate, pearls, dms., 100 lbs.	lb.	.40	- —
powd., dms., 100 lbs.	lb.	.45	- —
scale, dms., 100 lbs.	lb.	.45	- —
Trioxide (see Acid, chromic).			
Yellow (see Yellow, chrome).			
Chrysarobin, 5-lb. bot.	lb.	5.00	- —
Cinchona bark, quill, USP, 10 in., medium, cs.	lb.	.85	- .90
20 in., thick, cs.	lb.	.85	- .90
20 in., medium, cs.	lb.	.85	- .90
USP, broken quill, red, bgs.	lb.	.20	- .21
yellow, bgs.	lb.	.20	- .21
Cinchonidine, small crys., cns., 100 ozs.	oz.	.86	- —
Sulphate, N.F., cns., 100 ozs.	oz.	.53	- —

Cinchonidine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small crys., cns., 100 ozs.	oz.	.62	- —
large cryst., cns., 100 ozs.	oz.	.66	- —
Sulphate, N.F., cns., 100 ozs.	oz.	.42	- —

Cinchonine buyers must pay a surcharge of 3½c. per oz. to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms.,	lb.	3.55	- 3.60
1 and 5-lb. bots.	lb.	3.70	- 3.50
100 lbs., dms.	lb.	3.50	- —
Cinnamic alcohol (see Alcohol, cinnamic).			
Aldehyde, 99-100% pure, cbys., cns.	lb.	1.10	- 1.20
Cinnamon, Ceylon, 2 bls.	lb.	.23½-	.24
3 bls.	lb.	No stocks	
Citral, bots., cns.	lb.	3.00	- 4.00
Citrine ointment, jars.	lb.	.95	- .97
Citronellal, bots., dms.	lb.	1.50	- 2.25
Citronellol, bots., dms.	lb.	1.75	- 2.00
Clove, Amboyna, bgs.	lb.	.25	- .26
Zanzibar	lb.	.15½-	.16
Zanzibar	lb.	.14¾-	.15¼
Clover tops, red, bgs.	lb.	.35	- .40
dom., bgs.	lb.	.30	- .35
Coaltar, coal-gas, crude, bbls., c.l., works.	bbls.	7.50	- 7.75
l.c.l., works.	bbl.	8.25	- 8.50
tanks, works.	gal.	.07¼-	.09
refd., bbls., c.l., works.	bbl.	8.00	- 8.25
l.c.l., works.	bbl.	8.75	- 9.00
tanks, works.	gal.	.08½-	.10
water-gas, crude, dms., c.l., works.	dm.	7.50	- —
l.c.l., works.	dm.	8.25	- —
refd., dms., c.l., works.	dm.	8.00	- —
l.c.l., works.	dm.	8.75	- —
Cobalt acetate, bbls., kgs., dlvd.	lb.	.80½-	—
Carbonate, powd., bgs., works.	lb.	1.58	- —
Chloride, kgs., works.	lb.	.85	- —
Hydrate, bbls.	lb.	1.98	- —
Linoleate, paste, 5%, dms.	lb.	.31	- —
solid, 8½%, bbls.	lb.	.33	- —
Oleate, bbls.	lb.	.25	Nom.
Oxide, black, kgs.	lb.	1.84	- —
Resinate, fused A, bbls.	lb.	.13½-	—
1 %, cobalt oxide, bbls.	lb.	.13	- —
2 %, cobalt oxide, bbls.	lb.	.14	- —
3½%, cobalt oxide, bbls.	lb.	.17½-	—
precip., dms., dlvd.	lb.	.34	- —
Sulphate, dms.	lb.	.65	- —
Cocaine, hydrochloride, 100 ozs., cns.	oz.	9.75	- —
Cochineal, gray, bgs.	lb.	.37	- .38
Teneriffe, silver, bgs.	lb.	.38	- .39
Cocoa butter, bulk, c.l., bgs.	lb.	.22¾-	.24
Cocillana bark, bgs.	lb.	.23	- .25
Codeine, cns., 100 ozs.	oz.	11.70	- —
Hydrochloride, cns., 100 ozs.	oz.	10.50	- —
Phosphate, cns., 100 ozs.	oz.	9.00	- —
Sulphate, cns., 100 ozs.	oz.	9.50	- —
Codliver oil (see Oil, codliver).			
Cohosh, black, root, bls.	lb.	.07	- .08
Blue, root, bls.	lb.	.07	- .08
Colchicine, bots., cns.	oz.	36.00	- —
Colchicum seed, bgs.	lb.	2.50	Nom.
Colliodion, USP, dms., 325 lbs.	lb.	.19	- —
cns., 25 lbs.	lb.	.19	- .20
flexible, USP, dms., 325 lbs.	lb.	.17	- —
cns., 25 lbs.	lb.	.21	- .22
Colocynth pulp, bls.	lb.	.95	- 1.00
Colombo root, bls.	lb.	.20	- .21
Coltsfoot leaves, bgs.	lb.	.35	- .40
Condurango bark, bgs.	lb.	.10	- .11
Conium leaves, bls.	lb.	.30	- .32
Copaiba, balsam, Para, cns.	lb.	.32	- .33
S.A., USP, cns.	lb.	.34	- .35
Copper acetate, normal, bbls., dlvd.	lb.	.24	- —
smaller containers, dlvd.	lb.	.26	- —
Carbonate, 52-54%, bbls.	lb.	.18	- .20½
Chloride, anhyd., bbls.	lb.	.19½-	—
cryst.	lb.	.13½-	.14¼
Cyanide, tech., bbls.	lb.	.34	- .36
Iodide, bots.	lb.	5.15	- 5.19
Metal, electrolytic	lb.	.12	- .12¼
Nitrate, cryst., bbls.	lb.	.20	Nom.
Oleate, precip., bbls.	lb.	.20	- —
Oxide, black, bbls., tons, works,	lb.	.19½-	.21
Red, com'l, kgs., f.o.b. N.	lb.	.20	- .22
Resinate, precip., bbls.	lb.	.15	- .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works.	100 lbs.	5.00	- 5.50
l.c.l., 16-50 bbls., same basis,	100 lbs.	5.15	- 5.65
6-15 bbls., same basis,	100 lbs.	5.25	- 5.75
1-5 bbls., same basis,	100 lbs.	5.50	- 6.00
monohydrated, dms., c.l., dealers, f.o.b. works.	100 lbs.	8.95	- —
l.c.l., dealers.	100 lbs.	9.95	- —
Copperas, cryst., gran., bgs., c.l., works.	ton.	17.00	- —
bbls., c.l., works.	ton.	20.00	- —
l.c.l., 25 or over, works,	100 lbs.	1.55	- —
1-4, works.	100 lbs.	2.00	- —
bulk, c.l., works.	ton.	14.00	- —
Copra, Coast, ship.	lb.	.0390	Nom.
Coriander, bgs.	lb.	.09¾-	.10¼
bleached, bgs.	lb.	.12	- .12½
Corn silk, bls.	lb.	.22	- .23
Corn sugar, tanners', chipped, bgs., c.l., dlvd.	100 lbs.	4.05	- —
slabs, bbls., c.l.	100 lbs.	3.41	- —
solid, bbls., c.l.	100 lbs.	3.53	- —
Syrup, 42°, bbls., c.l.	100 lbs.	3.52	- —
43°, bbls., c.l.	100 lbs.	3.57	- —
Corrosive sublimate, cryst., dms., 50 lbs. or more	lb.	2.39	- —
gran., powd., dms., 50 lbs. or more	lb.	2.24	- —
Cottonroot bark, bls.	lb.	.10	- .11
Cottonseed, hull ash, 32-36% pot-ash, bgs., dlvd., unit-ton.		1.60	- —
meal, 8%, Southeast, mills.	ton.	34.00	-34.50

Coumarin, 5 lbs. or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .45
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. .....lb. .52½ - —
smaller lots, bbls.....lb. .53 - —
kgs. .....lb. .53½ - —
Creosote, beechwood, bots.....lb. .70 Nom.
hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.90 - 2.29
Oil, crude, tanks, works....gal. .13½ - .14½
Coaltar, solution, tanks, works. .....gal. .122 - .132
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .10¼ - —
l.c.l., same basis.....lb. .10¾ - —
special resin grade, dms., c.l., works..lb. .09¼ - —
l.c.l., same basis.....lb. .09¾ - —
Crotonaldehyde, 97%, 55 and 110 gal., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .06½ - —
l.c.l., works.....lb. .09¼ - —
natural, c.l.....100 lbs. 5.75 - —
l.c.l. .....100 lbs. 9.25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N. Y. C..lb. .27 - .28
4% rotenone prices are 3c. per lb. less.
Cubeb berries, XX, bgs.....lb. .48 - .50
powd., cs.....lb. .53 - .54
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .18½ - 19
Cyprus, bgs.....lb. .19 - .19½
Indian, bgs.....lb. .17¼ - .17¾
Persian, bgs.....lb. .17½ - .18
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04¾ - —
Cyanamide, 22% N, pulv., bgs.. dlvd., contracts, N..unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran.. dms..lb. .10¾ - —
lump, dms.....lb. .09¾ - —
75%, gran., dms... . ...lb. .15 - —
Cyclohexane, 98-100%, dms., works..lb. .16 - —
Cyclohexanol, 98-100%, dms., works..lb. .28 - —
Cyclohexanone, 98-100%, dms., works lb. .32 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

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Damiana leaves, bls.....lb. .16 - .17
Dandelion root, bls.....lb. .60 - .65
Decanol, normal, tech., 360 lbs., dms., dlvd..lb. .35 - —
Deertongue leaves, bls.....lb. .12 - .14
Degras, common, dom., bbls...lb. .08¼ - .08¾
neutral, dom., obls.....lb. .15 - .17
Derris root, powd., 5% rotenone, bbls., f.o.b. N. Y..lb. .28 - .30
4% rotenone prices are 3c. per lb. less.
Derris, extract, 25% rotenone, bulk, cns..lb. 3.00 - 4.00
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Potato, bgs., dom., c.l.....lb. .08¼ - —
l.c.l., bgs. .....lb. .09½ - .10
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½ - —
tanks, dlvd.....lb. .20 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
Import, Algerian, bgs., c.l., c.i.f. ton. No prices
Mexican, white, bgs., c.l., c.i.f. lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .53 - —
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - .20
l.c.l., dlvd.....lb. .19½ - .20½
tanks, dlvd.....lb. .18 - .19
cns., works.....lb. .23½ - .25½
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, tms., c.l., works lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentanes, dms., c.l., works...lb. .032 - —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½ - —
l.c.l., works.....lb. .24½ - —
tanks, works.....lb. .22½ - —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylamino ethanol, l.c.l. dms., works, frt. alld. E. of Miss. river, l.c.l., dms..lb. .75 - —
Diethylaniiin, dms.....lb. .40 - —
Diethylcarbonate, com'l. dms lb .25 - —
refd., 99%, dms. . . . . lb .35 - —
Oxalate, dms., l.c.l., dlvd....lb. .28 - —
Diethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l. .....lb. .20½ - —
tanks .....lb. .19 - —
Sulphate, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethyleneglycol, dms., c.l., works, lb. .14 - —
l.c.l., works.....lb. .15½ - —
Monobutylether, dms., works..lb. .22½ - .24½
Monoethylether, dms., c.l., works..lb. .14½ - —
l.c.l., works.....lb. .15½ - —
tanks, works.....lb. .13½ - —
Digitalis leaves, dms.....lb. .40 - .42
Digycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works..lb. .19 - —
Dilliseed, cleaned, bgs.....lb. .08¾ - .09¾
Dimethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l., dlvd.....lb. .20½ - —
tanks, dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd.lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylaniiin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .00 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd. . . . . lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .43 - .45
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
cns. .....lb. .48 - .50
Diphenylamine, bbls.....lb. .26 - —
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-divi, Columbian.....ton.42.00 - —
Venezuelan .....ton.45.00 - —
Doggrass root, imp. cut, NF, bls. lb. .88 - 1.00
domestic, bls.....lb. .36 - .37
Dogwood bark, Jamaica, bls...lb. .08 - .09
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green FD&C green, No. 2, cns. .....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
FD&C green, No. 1, cns., lb.13.50 - —

Coumarin—Dyes

Dyes, coaltar (certified colors), for foods, drugs and cosmetics:—
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 3.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 5, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 8.....lb. 6.00 - —
D&C red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns...lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —

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1881 1941

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Dyes—Ether, Anesthesia

Dyes, coaltar (certified colors), for drugs and cosmetics:—
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —

Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3.....lb.21.85 - —
Ext. D&C red, No. 8.....lb. 7.85 - —
Ext. D&C red, No. 10, cns..lb.12.35 - —
Ext. D&C red, No. 13, cns..lb.12.35 - —
cns..lb. 8.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour index scale):—
26 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 2.00 - 2.10
Sulphur tan.....lb. .50 - .55
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
286 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet..lb. 2.00 - 2.25
304 Paper yellow.....lb. .85 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
485 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .23 - .30
582 Direct black RX.....lb. .25 - .45
592 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
626 Acid violet.....lb. 1.00 - 2.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p.c. paste..lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar for stains, oil soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse):—
Black:—
865 Nigrosin derivatives..lb. .38 - .62
Blue:—
1075 Alizarin astrol base...lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
91 Yellow OB.....lb. 1.40 - —

Dyes, coaltar, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—
Black:—
864 Nigrosin.....lb. .38 - .44
Blue:—
860 Indulin.....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—
Black:—
246 Naphthol blue black S.lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B....lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y.....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
331 Bismarck brown G....lb. .42 - .57
332 Bismarck brown R....lb. .42 - .57
793 Phosphin .....lb. 4.65 - —

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—
Green:—
5 Naphthol green B.....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B....lb. 1.55 - —
1075 Alizarin cyanin green.lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G..lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX...lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M....lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—
Yellow:—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echniacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dried, dom., bbls.....lb. .90 - —
imported .....lb. .80 - —
Elder flowers, bright, bls.....lb. .75 - .80
Elecampane root, bls.....lb. .14 - .15
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .19 - .20
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.24.00 -28.80
Ephedra, bls.....lb. .12 - .15
Ephedrine, USP hemihydrates, tins, 1,000 ozs..oz. .60 - —
100 ozs.....oz. .70 - —
anhyd., dms., 1,000-oz. lots.oz. .65 - —
100-oz. lots.....oz. .75 - —
Hydrochloride, tins, 1,000-oz. lots..oz. .45 - —
100-oz. lots.....oz. .55 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .42 - —
100-oz. lots.....oz. .53 - —

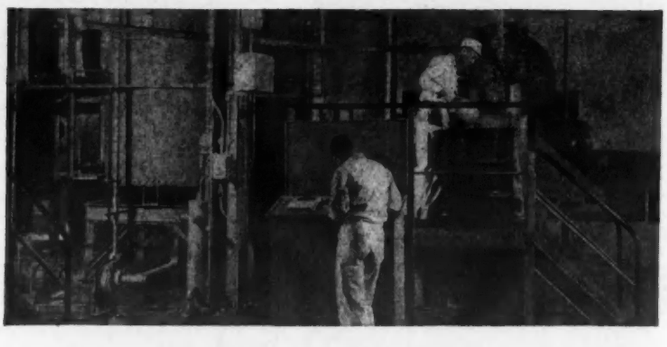
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls .....100 lbs. 1.90 - —
Epsom salt prices on technical and USP are on the basis of freight equalized with Baltimore, Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrwal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 2.00 - 2.10
Eserine, bots.....oz.50.00 -72.00
Salicylate, bots.....oz.42.00 -45.00
Sulphate, bots.....oz.42.00 -45.00
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .26 - .28
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .73 - —
Sulphuric, conc., 310-lb. dms.lb. .11 - —
27-lb. dms.....lb. .16 - —
Synth., dms., c.l., work.....lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks .....lb. .08 - —
USP, anesthesia, hospitals, 1-lb. cns..lb. .52 - .53

Life ON THE

Winston Pote—Aerial Photo

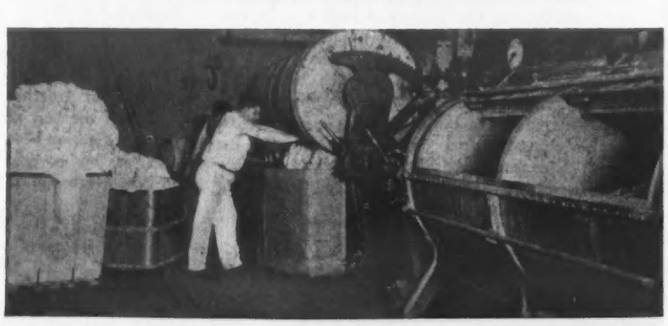
(*Left*) **HOW RAINDROPS FORM** is a mystery wh may be nearer solution with the reported covery, atop Mt. Washington, N. H., that cl vapors contain one part H_2SO_4 to 1,000,000 p water. Sulphuric acid—a product supplied commercial users by Cyanamid—may help f cloud droplets. The proportion of acid in droplets is, of course, far too small to ha human beings or any other kind of life.

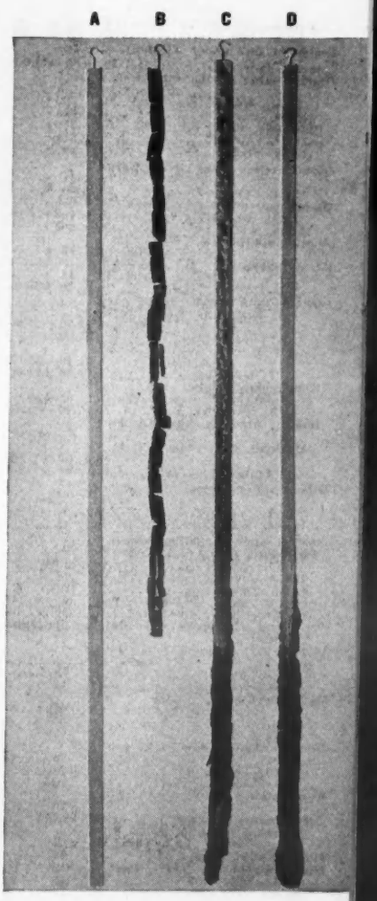
(*Below*) **FIRE RETARDANT PAINTS,** utilizing u formaldehyde base resins and ammonium p phate, have shown many excellent propertie preliminary research at the U. S. Forest Produ Laboratory, Madison, Wisconsin. Wood sp mens shown are: (a) before fire test; (b) uncoa after test; (c) and (d) coated, after being tes Cyanamid is a leading supplier of urea for dehyde type resins, ammonium phosphate other materials used by the paint industry.



(*Above*) **NEW PHARMACEUTICAL BUILDING** at Cyanamid's Calco Chemical Division includes extensive facilities designed and installed by Cyanamid's own technical and construction staff. Calco's steadily expanding line of high quality pharmaceuticals includes Sulfapyridine, Sulfathiazole, Sulfanilimide, Nicotinic Acid, Cinchophen, Glutamic Acid HCL, Aminoacetic Acid, Mandelic Acid, Methylene Blue and many other dependable products for the drug and pharmaceutical trades.

(*Below*) **DRY CLEANING AND LAUNDERING** solvents frequently show improved results when Cyanamid's AEROSOL* Wetting Agents are added. These wetting agents are the most powerful at present commercially available. They are used by scores of industries where faster wetting, penetration and dispersion are desired.





Ethyl acetate, 85-90%, dms., c.l., frt alld.	lb.	.08¼- —
l.c.l., frt. alld.	lb.	.09 - —
tanks, frt., alld.	lb.	.07½- —
95-98%, dms., c.l., frt. alld.	lb.	.08¾- —
l.c.l., frt. alld.	lb.	.09¼- —
tanks, frt. alld.	lb.	.07¾- —
NF, 390-lb. dms.	lb.	.09 - —
cns., 85 lbs.	lb.	.13 - .14
Acetoacetate, dms., c.l., wks.	lb.	.27½- —
l.c.l., dms., works	lb.	.28 - —
Benzoate, bots.	lb.	1.00 - 1.25
Bromide, tech., dms.	lb.	.50 - .55
Caproate, cns.	lb.	1.06 - —
Chloride, dms.	lb.	.18 - .20
Cinnamate, cns.	lb.	3.50 - 3.75
Formate, cns., dms.	lb.	.25 - .26
Iodide, bots.	lb.	3.50 - 3.60
Lactate, 55-gal. dms., works,	lb.	.33½- —
5-gal. dms., works	lb.	.37½- .39½
Oenanthate, dms.	lb.	.75 - 1.25
Oxalate, dms., frt. alld.	lb.	.25 - —
Oxyhydrate, bots.	gal.	4.00 - 6.00
Silicate, l.c.l., dms., wks.	lb.	.77 - —
Vanillin, 25-lb. lots, cns.	lb.	6.00 - —
5-lb. lots, cns.	lb.	6.05 - —
1-lb. lots, cns.	lb.	6.15 - —
Ethylcellulose, std. cans, 5,000 lbs. or more, frt. alld.	lb.	.45 - —
less than 5,000 lbs., same basis.	lb.	.47 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0742- —
West of Rockies, same basis.	lb	.0792- —
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0795- —
West of Rockies, same basis.	lb.	.0841- —
Ethyleneglycol, dms., c.l.	lb.	.14½- —
l.c.l.	lb.	.15½- .18½
tanks	lb.	.13½- —
Monobutylether, dms., c.l., wks.	lb.	.16½- —
l.c.l., works	lb.	.17½- .20½
tanks, works	lb.	.15½- —
monoethylether, dms., c.l., works.	lb.	.14½- —
l.c.l., works	lb.	.15½- .16½
tanks, works	lb.	.13½- —
Monoethylether, acetate, dms., c.l., works	lb.	.11½- —
l.c.l., dms.	lb.	.12½- .15½
tanks, works	lb.	.10½- —
Monomethylether, dms., c.l., works.	lb.	.15½- —
l.c.l., works	lb.	.16½- —
tanks, works	lb.	.14½- —
Ethyllidinanilin, dms.	lb.	.45 - .47½
Eucalyptol, cns., dms.	lb.	.90 - .95
Eucalyptus leaves, bls.	lb.	.11 - .12
Eugenol, cns., dms.	lb.	2.00 - 2.10
Euphorbia, bls.	lb.	.09 - .10

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00 -17.50
l.c.l., minimum 2 tons.	ton.	17.00 -20.50
glass, 20 mesh, bulk, works.	ton.	9.75 -12.25
l.c.l., minimum 2 tons.	ton.	12.75 -16.25
pottery, bulk, Me., works.	ton.	17.00 -19.00
N. C., works.	ton.	17.00 -19.00
l.c.l., minimum 2 tons.	ton.	20.00 -22.00
Fennel seed, Argentine, bgs.	lb.	.16 - .16½
Indian, bags.	lb.	.09 - .09½
French, bgs.	lb.	No stocks
German, large, bgs.	lb.	No stocks
Roumanian, bgs.	lb.	.11½- .12
Fenugreek, seed, bgs.	lb.	.07 - .07½
Ferric, sulphate, anhyd., c.l., works.	ton.	35.00 - —
l.c.l.	ton.	40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works.	lb.	.12 - —
smaller lots, works.	lb.	.13 - —
light, cs., 1,000 lbs. or over, works.	lb.	.13 - —
smaller lots, works.	lb.	.15 - —
water white, cs., 1,000 lbs. or over, works.	lb.	.14 - —
smaller lots, works.	lb.	.15 - —
Fir balsam, Canada, cns.	gal.	16.50 -17.00
Oregon, bbls.	gal.	1.10 - 1.25
Fish berries, bgs.	lb.	.26 - .27
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures.	unit-ton.	4.50 & .10
meal, bgs., f.o.b. Balto.	ton.	66.00 - —
6-7% ammon., 3% phosphor. acid, bulk, Chesapeake Bay factories, contracts.	unit-ton.	2.75 & .50
sardine, Japanese, 11½% ammon., bgs., c.i.f. ports.	ton.	No prices
Flake white, dom., bbls.	lb.	.09 - —
kegs	lb.	.11 - —
Fleaseed, French, black, bgs.	lb.	.55 - .60
Indian, blonde, bgs.	lb.	.11 - .12

Ethyl Acetate—Gold-Soda Chlor.

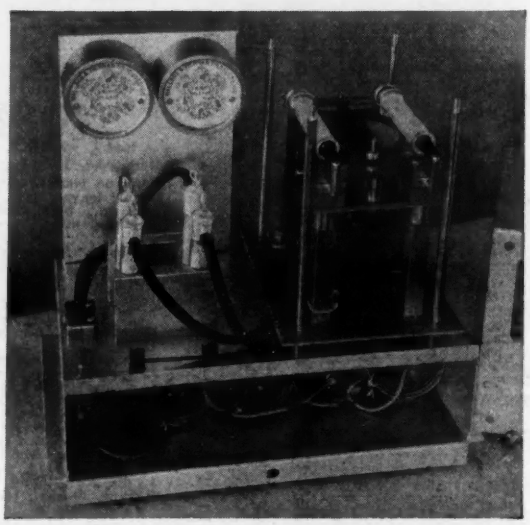
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines.	net ton.	30.00 - —
washed gravel, 85.5 f.o.b. Ky. and-Ill.-Ky. mines.	net ton.	21.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines.	net ton.	21.00 - —
imported, 85.5, duty paid, short	ton.	No prices
Formaldehyde, bbls., c.l., works,	lb.	.0550- .0575
l.c.l., works	lb.	.06 - .0625
dms., c.l., works	lb.	.0515- .0540
l.c.l., works	lb.	.0565- .0590
tanks	lb.	.04 - .04¼
Fringetree bark, bls.	lb.	.14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines.	ton.	15.00 - —
import, bgs., c.l., ex dock.	ton.	No prices
l.c.l., ex whse.	ton.	No prices
Furfural, ref., dms., c.l., works,	lb.	.15 -
l.c.l., works	lb.	.17½- .25
tech., dms., contracts, 150,000 lbs.	lb.	.10 - —
c.l., works	lb.	.12¾- —
l.c.l., works	lb.	.15 - .20
tanks, works	lb.	.09 - —
Fusel oil, refd., dms., incl., divd.,	lb.	.17½- .19½
Fustic, cryst., bgs., No. 1	lb.	.30 - —
No. 2.	lb.	.28 - —
No. 3.	lb.	.26 - —
extract, bbls., No. 1	lb.	.15 - —
No. 2.	lb.	.14 - —
No. 3.	lb.	.11½- —

G

G salt, bbls.	lb.	.45 - —
Galangal root, bls.	lb.	.11 - .12
Gambier, common, cases.	lb.	.10 Nom.
plantation, cases	lb.	No stocks.
cubes, Singapore, cases.	lb.	.11 Nom.
extract, bbls.	lb.	.09½- .12
Gasoline at refinery:— Bayonne, US motor, tanks, ex tax.	gal.	.07½- .08
California (f.o.b. San Francisco), regular, trucks, tax incl.	gal.	.14½- —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax.	gal.	.07½- —
Louisiana-Arkansas, US motor, 72-74 octane, tanks, ex tax.	gal.	.07¾- .06½
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax.	gal.	.05½- .06½
natural, 18-55, tanks.	gal.	.03¾- .04
26-70, tanks.	gal.	.08¾- —
Gelatine, silver, cs.	lb.	.70 - .77
Gelsemium root, bls.	lb.	.14 - .15
Gentian root, bls.	lb.	.62 - .65
grd., bbls., bxs.	lb.	.64 - .66
powd., bbls., bxs.	lb.	.65 - .67
Geraniol, 92-96%, cns., dms.	lb.	2.35 - 2.50
other grades, cns., dms.	lb.	1.50 - 2.25
soap, cns., dms.	lb.	.90 - 1.35
Ginger, African, No. 1, bgs.	lb.	.19½- .20
Cochin, lemon, nearby, bgs.	lb.	.17½- .18
Jamaica, bold, bgs.	lb.	.24 - .25
medium, bgs.	lb.	.22½- .23
grinding, bright, bgs.	lb.	.21 - .21½
Japanese, bgs.	lb.	No stocks
Ginseng root, wild Southern, cs.	lb.	12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).		
cryst., dom., bgs., bbls., c.l., works.	100 lbs.	1.05 - 1.28
5 tons or over, works,	100 lbs.	1.15 - 1.35
less than 5 tons, works,	100 lbs.	1.25 - 1.45
import, bgs.	100 lbs.	No prices
Glue, bone, calcimine type, 24 millipoise, 34 jelly-grams, bgs., c.l., dlvd.	lb.	.16 Nom.
l.c.l., dlvd.	lb.	.16½ Nom.
36/58 bgs., c.l., dlvd.	lb.	.15½ Nom.
l.c.l., dlvd.	lb.	.16 Nom.
58/82 bgs., c.l., dlvd.	lb.	.17 Nom.
l.c.l., dlvd.	lb.	.17½ Nom.
82/108 millipose, bgs., c.l., dlvd.	lb.	.17½ Nom.
l.c.l., dlvd.	lb.	.18 Nom.
hide, calcimine type, 58 millipoise, 135 jellygrams, bgs., c.l., dlvd. East Middlewest.	lb.	.18 Nom.
l.c.l., same basis.	lb.	.18½ Nom.
60/164, bgs., c.l., same basis,	lb.	.18½ Nom.
l.c.l., same basis.	lb.	.20 Nom.
67/122, bgs., c.l., same basis,	lb.	.20½ Nom.
l.c.l., same basis.	lb.	.21 Nom.
75/222, bgs., c.l., same basis,	lb.	.23½ Nom.
l.c.l., same basis.	lb.	.24½ Nom.
68/251, bgs., c.l., same basis,	lb.	.23½ Nom.
l.c.l., same basis.	lb.	.25½ Nom.
92/283, bgs., c.l., same basis,	lb.	.25½ Nom.
l.c.l., same basis.	lb.	.26½ Nom.
102/315, bgs., c.l., same basis.	lb.	.26½ Nom.
l.c.l., same basis.	lb.	.27 Nom.
113/347, bgs., c.l., same basis.	lb.	.27 Nom.
125/379, bgs., c.l., same basis.	lb.	.28 Nom.
l.c.l., same basis.	lb.	.29 Nom.
Glue prices for barrel packing, ½c. per lb. higher; grinding charge, 20-40 mesh, ½c. per lb.; 60 mesh, 1c. per lb.		
Glycerin, CP, cns., l.c.l.	lb.	.16½- .17
dms., c.l., dlvd.	lb.	.14½- —
l.c.l., dlvd.	lb.	.15 - —
tanks, dlvd.	lb.	.14½- —
dynamite, dms.	lb.	Nominal
high gravity, dms., c.l., dlvd.	lb.	.14 - —
l.c.l., dlvd.	lb.	.14½- —
tanks, dlvd.	lb.	.13¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l.,	dlvd. lb.	.15½ Nom.
l.c.l., same basis.	lb.	.16½ Nom.
tanks	lb.	.15 Nom.
refiners, dms., returnable, tanks, dlvd.	lb.	.14 Nom.
soaplye, basis 80%, dms., returnable, tanks, dlvd.	lb.	.13 Nom.
Glycine, medicinal, bbls., tins.	lb.	1.70 - 2.00
Glycol boriborate, dms.	lb.	.22 - —
Phthalate, dms.	lb.	.33 - —
Stearate, dms.	lb.	.26 - —
Gold, U.S. purchase price.	oz.	35.00 - —
Chloride, acid brown, both.	oz.	20.75 -21.00
yellow, bots.	oz.	18.75 -19.00
Gold-soda chloride, photo., bots.,	oz.	13.00 - —
USP IX, bots.	oz.	14.50 -14.75

CHEMICAL NEWSFRONT

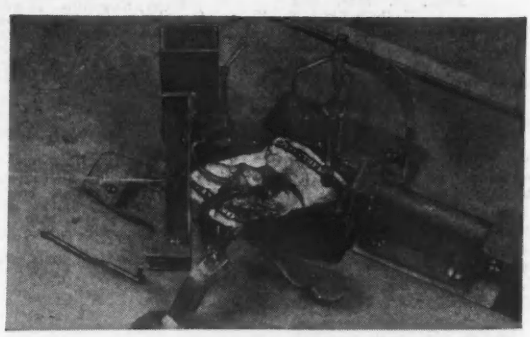
) **WHETHER THE WEATHER** will damage sample fabrics is being de-ined on this laboratory roof. Textiles which stand up in this test be used to clothe our growing defense forces. Cyanamid assists tex-nanufacturers by developing new chemicals and finding better ways ilize available materials. Among such chemicals with which Cyanamid lies the industry are NO-ODOROL**, high-grade finishing oil; a new, efficient polyphosphate, marketed under trade-name, QUADRAFOS; sizes; foam eliminators; emulsifiers; mordants; heavy chemicals.



(*Above*) **THIS NEW CHEMICAL ABSORPTION HYGROMETER,** described by Dr. C. W. Thornthwaite of the U. S. Soil Conservation Service, uses alumina to measure economically and accurately water content of the atmosphere.

) **TOBACCO COLOR AND AROMA** can be chemically extracted from s now considered inferior because of their dark brown color, it is ted by Dr. W. D. Turner and associates of Columbia University. ovement in the grade of tobaccos is thereby deemed possible. The co industry uses quantities of Cyanamid's Liquid HCN as a fumigant.

(*Below*) **NEW TESTS OF PAPER CURRENCY** at National Bureau of Standards show in a few minutes how bills will stand up in several months of handling. Cyanamid is a leading supplier of most chemicals used by the paper industry.



American Cyanamid & Chemical Corporation

A Unit of American Cyanamid Company

30 ROCKEFELLER PLAZA NEW YORK, N. Y.

*Trademark of American Cyanamid & Chemical Corporation applied to wetting agents of its own manufacture.

**Registered U. S. Patent Office

Gold of Pleasure—Lead Arsen.

Gold of pleasure, seed, bgs....lb. .18½- .19
Goldenseal, root, bls.....lb. 3.50 - 3.60
powd., bxs.....lb. 3.75 - 3.85
Grains of paradise, bgs.....lb. .37 - .38
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphite carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....lb. .07½- —
l.c.l., works.....lb. .07½- —
Amorph., powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works..lb. .02½- —
l.c.l., works.....lb. .03½- —
bbls., c.l., works.....lb. .02½- —
80% graphite, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03½- —
l.c.l., works.....lb. .04½- —
Grease, house.....lb. .07½ Nom.
white .....lb. .08 Nom.
yellow .....lb. .07½ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis..lb. .22 - —
11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis..lb. .23½- —
21-25%, bbls., same basis..lb. .24 - —
26-30%, bbls., same basis..lb. .24½- —
31-35%, bbls., same basis..lb. .25½- —
36-40%, bbls., same basis..lb. .27 - —
41-45%, bbls., same basis..lb. .28½- —
46-50%, bbls., same basis..lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C.; S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
reduced, CP, color content up to 5%, same basis..lb. .06 - —
9-10%, bbls., same basis, lb. .06¾- —
11-13%, bbls., same basis, lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
17-19%, bbls., same basis, lb. .07¾- —
20-21%, bbls., same basis, lb. .08 - —
22-23%, bbls., same basis, lb. .08¼- —
24-25%, bbls., same basis, lb. .08½- —
26-27%, bbls., same basis, lb. .08¾- —
28-29%, bbls., same basis, lb. .09¼- —
30-31%, bbls., same basis, lb. .10 - —
32-33%, bbls., same basis, lb. .11¼- —
34-35%, bbls., same basis, lb. .12¼- —
36-40%, bbls., same basis, lb. .14¼- —
41-45%, bbls., same basis, lb. .16¼- —
46-50%, bbls., same basis, lb. .18¾- —
51-55%, bbls., same basis, lb. .17¼- —
56-60%, bbls., same basis, lb. .17¾- —
61-65%, bbls., same basis, lb. .18¼- —
66-70%, bbls., same basis, lb. .19¼- —
71-75%, bbls., same basis, lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .23 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .65 - —
Paris (see P).
Tunstated, brilliant, kgs.....lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .85 - .90
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.55 Nom.
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Gum, guarana, powd., cs.....lb. 1.20 - 1.25
Aloe (see A).
Ammoniac, tears, cs.....lb. .80 - .85
Arabic, amber sort, cleaned, bgs..lb. .20 - .21
white, sorts, 1, bgs.....lb. .37 - .38
powd., bbls.....lb. .23 - .24
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 2.50 - 2.60
Sumatra, cs.....lb. .23 - .24
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .40 - .42
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
2, water white, bgs., c.l., same basis..lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13½- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .13¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09½ —
Gum, copal, Congo, 14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .00½- —
17, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .19½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .19¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nube, c.l., same basis..lb. .12¾- —
22, small mixed nubs, bgs., same basis..lb. .10¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¼- —
24, pale small nubs, c.l., same basis..lb. .10¾- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
Batu, bold scraped, bgs....lb. .10¼- —
unscraped, bgs.....lb. .09¼- —
chips, bgs.....lb. .06¾- —
dust, bgs.....lb. .06¾- —
nubs and chips, bgs.....lb. .06¾- —
black, bold, scraped, bgs..lb. .10¾- —
unscraped, bgs.....lb. .07½- —
nubs and chips, bgs.....lb. .07¼- —
Hiroe, Macassar, pale bold, bgs..lb. .14¼- —
chips, bgs.....lb. .08¾- —
dust, bgs.....lb. .06¾- —
nubs, bgs.....lb. .11½- —
Singapore, Rasok, bold, bgs., lb. .17¾- —
chips, bgs.....lb. .10½- —
dust, bgs.....lb. .06¼- —
nubs, bgs.....lb. .14¾- —
Manila, Boeas, amber and dark, bskts.....lb. .14 - —
light, bskts.....lb. .15¾- —
Loba A, bskts.....lb. .13¾- —
B, bskts.....lb. .13½- —
C, bskts.....lb. .13¼- —
CNE, bskts.....lb. .10½- —
D, bskts.....lb. .12½- —
DK, bskts.....lb. .09¾- —
dust, bskts.....lb. .07¾- —
Sambas and white split chips, bskts..lb. .15¾- —
Singapore, dust, bskts.....lb. .07¾- —
Spirit-soluble, CBB, bskts., lb. .12¾- —
DBB, bskts.....lb. .11¾- —
MA, bskts.....lb. .10¼- —
MB, bskts.....lb. .09¾- —
WS, bskts.....lb. .11¾- —
Philippine, Manila, amber sorts, bskts..lb. .09¼- —
chips, bale, bskts.....lb. .11¾- —
pale, small, bskts.....lb. .11 - —
extra pale, sorts, bskts...lb. .12 - —
nubs, bskts.....lb. .13¼- —
scraped, bskts.....lb. .14¾- —
seeds and dust, bskts....lb. .08½- —
Pontianak, bold, genuine, bgs., lb. .18¾- —
mixed, bgs.....lb. .17¾- —
split, bgs.....lb. .17¾- —
chips, bgs.....lb. .11¾- —
nubs, bgs.....lb. .10¾- —
Dammar, Batavia, A, cs., same basis as copal..lb. .25½- —
A/C, cs.....lb. .22½- —
A/D, cs.....lb. .19¾- —
A/E, cs.....lb. .17½- —
B, cs.....lb. .23¾- —
C, cs.....lb. .19⅝- —
D, cs.....lb. .17½- —
dust, cs.....lb. .08¾- —
E, cs.....lb. .12½- —
F, cs.....lb. .09¼- —
Singapore, 1, cs.....lb. .22¾- —
2, cs.....lb. .17¼- —
3, cs.....lb. .08¾- —
chips, cs.....lb. .15¾- —
dust, cs.....lb. .08¾- —
seeds, cs.....lb. .12¾- —
Elemi, cns, same basis as copal..lb. .08½- —
Ester, ordinary, c.l., dms., contract, dlvd. N. Eng., N. Y., N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .06¼- —
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .07 - /
Pacific Coast (water shipt.)..lb. .06½- —
Other points.....lb. .06¾- —
For delivery of 3,000 pounds, prices are ¼c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case. Spot prices are ½c. per pound higher.
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.40 - 1.50
Gamboge, pipe, cs.....lb. .95 - 1.00
powd., bbls.....lb. 1.05 - 1.10
Ghatti, soluble, ogs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l..lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .17¾- —
Kino, tins.....lb. No prices
Kino, tins.....lb. No prices
Locust bean, powd., bbls....lb. 1.40 Nom.
Mastic, cs.....lb. 1.50 - 1.60
Myrrh, USP, cs.....lb. .50 - .55
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb 20 - 35
Opium (see O.).
Rosin (see R).
Gum, sandarac, cks.....lb. .52½- .55
Scammony, cs.....lb. 1.10 - 1.75
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.16.50 - —
Tragacanth, Aleppo, 1 cs....lb. 3.00 - 3.10
2 cs.....lb. 2.70 - 2.80
3 cs.....lb. 2.50 - 2.60
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
New Brighton, N.Y.; frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N.Y.; Blue Rapids, Kans.; Clarence Center, N. Y., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald. ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla.. ton.12.00 -
Harlem River, N. Y..ton.12.00 -
import, bgs., ex dock.....ton.28.00 Nom

H

Hawthorn berries, bgs.....lb. .45 - .46
Heliotropin, cryst., cns.....lb. 3.00 - 3.40
Hellebore root, white, powd., bbls lb. .18 - .19
Helonias root, bls.....lb. .50 - .55
Hematine, cryst., bgs., No. 1..lb. .32 - —
No. 2..lb. .28 - —
No. 3..lb. .26 - —
No. 4..lb. .24 - —
No. 5..lb. .22 - —
paste, bxs, No. 1.....lb. .13¼- —
No. 2.....lb. .12½- —
No. 3.....lb. .11½- —
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .03 - —
Hempseed, Manchur, bgs.....lb. .07 - .07½
Henbane leaves, bbls.....lb. 3.40 Nom.
Henna leaves, bls.....lb. .27 - .28
powd., bbls., bxs.....lb. .30 - .31
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°, dms., c.l., Group 3..gal. .11¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, tanks, Group 3, gal. .09¾- —
dms., c.l., dlvd., Group 3.. gal. .24 - —
l.c.l., 5 or more, dlvd., Group 3..gal. .29 - —
1-5, dlvd., Group 3...gal. .38 - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, 25 oz., bots..oz.17.50 -32.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 2.65 - 2.75
Hops, N.F., bls.....lb. .20 - .21
Horehound, bls.....lb. .11 - .12
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.18.00 - —
Hydrochloride, bots., 4 oz...oz.18.00 - —
Sulphate, bots, 4 ozs.....oz.18.00 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. .03¾- .04
100 vols., cbys., E. of Miss. River: West Coast via Panama Canal..lb. .16 - .18½
Hydroquinone, dealers, bbls., dms. lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.90 - 3.90
Hyoscine hydrobromide, bots.gm. 3.50 - —
Hyoscyamine, bots.....oz.21.25 -27.50
Hydrobromide, bots.....oz.21.25 -27.50
Sulphate, bots.....oz.21.25 -27.50
Hypernic, cryst., bgs., No. 1..lb. .40 - —
No. 2..lb. .32 - —
extract, bbls, No. 1.....lb. .23 - —
No. 2..lb. .18 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. 74½- .85
Indium metal.....oz.12.50 - —
Indol, CP, bots.....oz.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bags, 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
beta, bots.....lb. 3.90 - 3.95
Methyl, alpha, 100%, cns....lb. 4.35 - —
Ipecac root, bgs.....lb. 1.80 - 1.90
powd., bxs.....lb. 1.85 - 1.90
Irish moss, ordinary, bls.....lb. .25 - .28
powd., 80-90 mesh, bbls..lb. .35 - .36
prime bleached, bls.....lb. .32 - .35
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., wks., frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
solut. cbys., works, frt. alld. or equald..lb. .06½- .07
djns. .....lb. .07½- —
Citrate, USP VIII, pearls...lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hyposulphite, bbls., dms.....lb. 1.50 - 1.60
Iodide, bots.....lb. 3.15 - 3.32
syrup, cbys.....lb. .39 - .40
bots. .....lb. .53 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns. .....lb. .52 - —
scales, cns.....lb. .82 - .85
Oxide, black, bbls., works...lb. .06 - —
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech (see Coppers and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms..lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms..lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms..lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate, bbls...lb. .23½- —
dms., kgs.....lb. .25½- —
Iron-soda oxalate, bbls.....lb. .23½- —
dms. .....lb. .25½- .26½
Isobutyl acetate, 55-gal. dms., works...lb.0600 - —
tanks, works.....lb.0760 - —
Propionate, dms., works...lb. .102 - —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .23 - —
Isopropylamine, dms., works...lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .12 - —
c.l., E. of Rockies, frt. alld. lb. .08½- —
l.c.l., E. of Rockies, frt. alld..lb. .09 - —
tanks, E. of Rockies, frt. alld..lb. .07½- —
Alcohol (see Alcohol).
Ether, dms., 5 gals., frt. alld. gal. .55 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

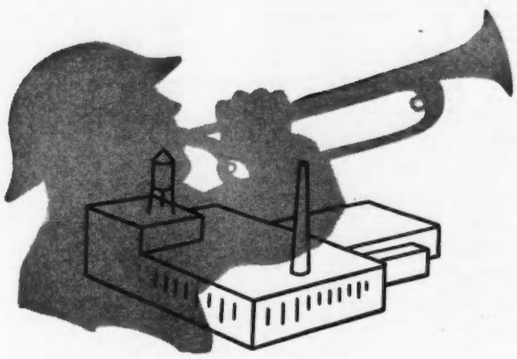
Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .37 - .43
powd., bbls., bxs.....lb. .42 - .53
resin, lump, 100-lbs. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. .75 - .90

K

Kamala, tins.....lb. .33 - .34
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0620- —
California (f.o.b. San Francisco) truck..gal. .11½- —
Gulf ports, p.w., bulk.....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., blk..gal. .04½- .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04½- .04⅝
Pennsylvania, 45 w.w., tanks, gal. .05½- .06
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae)
Lard, city, tubs.....100 lbs.10.75 -11.00
Middlewestern, trcs....100 lbs.10.30 -10.40
Neutral, trcs.....100 lbs.11.00 -11.25
Western, choice, trcs..100 lbs.10.40 -10.50
Compound, trcs.....100 lbs.14.50 -14.75
Larkspur seed, bgs.....lb. 2.10 Nom.
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .48 - .49
Portuguese, bls.....lb. .28 - .30
Turkish, bls.....lb. .58 - .60
Lavender flowers, ordinary, bls.lb. .60 - .65
medium, bls.....lb. .80 - .85
select, bls.....lb. .90 - .95
Lead acetate, white, broken, bbls., cryst., bbls.....lb. .12 - .12½
gran., bbls.....lb. .12 - .12½
powd., bbls.....lb. .12¾- .13¼
Arsenate, bgs., c.l.....lb. .00 - .11
l.c.l., bgs.....lb. .09½- .11½
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.



To the paint manufacturer with a material shortage problem

National Lead offers the experience and services of its research and technical departments to assist in reformulating

Because defense needs have caused a shortage of certain paint materials, paint manufacturers are being obliged to reformulate some of their paints.

As a result of its years of experience in developing paint formulas, National Lead Co. feels that it can be of service in this work. Its technical staffs, its research laboratories, its testing facilities, represent a storehouse of practical paint-making knowledge and information.

The full assistance of these resources in reformulating is freely offered to all paint manufacturers, who are cordially invited to get in touch with us. All queries will, of course, be handled with strict privacy.

National Lead Company

Dry Pigments Department *111 Broadway, New York, N. Y.*

Lead, Blue—Methyl Alcohol

Lead, blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¾- —
l.c.l., dlvd. E.....lb. .07 - —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07 - —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07½- —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs....lb. .49 - —
Iodide, NF V, powd., 5-lb. bots. lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Peroxide, powd., bbls., tech..lb. .23 - —
Oleate, bbls.....lb. .18½- .20
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.....lb. .0860- —
Other points.....lb. .0835- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash...lb. .09 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .09½- —
Colo., Mont., N. Mex., Wyo..lb. .09¼- —
Other points.....lb. .06¾- —
smaller lots, Ala., etc. lb. .09¼- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.lb. .0685- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .06¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .09 - —
smaller lots, dlvd. Ala..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0910- —
other points.....lb. .0885- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
in oil, 85% min., 100-lb. kgs., lb. .12½- —
Resinate, fused, 15%, bbls...lb. .09¼- —
pale, bbls.....lb. .11½- —
Silicate, bgs., 5 tons.....lb. 6.59 - —
smaller lots.....lb. 7.01 - —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titinate, bgs. or bbls., c.l. basic sulphate, bbls., c.l., (20 tons), works, frt. alld..lb. .10¼- —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld..lb. .10¾- —
Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., dlvd. Ariz., etc....lb. .08 - —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc.....lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd. Ariz., etc....lb. .07½- —
other points.....lb. .07 - —
in oil, 100-lb. kgs., consumers, lb. .12¼- —
dealers .....lb. .11¼- —
painters .....lb. .13¾- —

Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.

Lecithin, 100%, cns., f.o.b. N. Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
edible, grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis. lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .20 - .25
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, cuttings, bls.....lb. .28 Nom.
powd., bbls., bxs.....lb. .33 Nom.
select, bdls., cs.....lb. .90 Nom.
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 7.00 - —
Limedale, Ark.....ton. 7.00 - —
Lime, chemical (quicklime) lump or pebble, bulk, f.o.b.
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 6.50 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
Hydrated, paper bgs., f.o.b.
Adams, Mass.....ton. 8.50 - —
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.00 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bgs., f.o.b.
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Ala..lb. .09¾- —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0910- —
other points.....lb. .0885- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
in oil, 85% min., 100-lb. kgs., lb. .12½- —
Resinate, fused, 15%, bbls...lb. .09¼- —
pale, bbls.....lb. .11½- —
Silicate, bgs., 5 tons.....lb. 6.59 - —
smaller lots.....lb. 7.01 - —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titinate, bgs. or bbls., c.l. basic sulphate, bbls., c.l., (20 tons), works, frt. alld..lb. .10¼- —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld..lb. .10¾- —
Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., dlvd. Ariz., etc....lb. .08 - —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc.....lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd. Ariz., etc....lb. .07½- —
other points.....lb. .07 - —
in oil, 100-lb. kgs., consumers, lb. .12¼- —
dealers .....lb. .11¼- —
painters .....lb. .13¾- —

Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.

Lecithin, 100%, cns., f.o.b. N. Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
edible, grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis. lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .20 - .25
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, cuttings, bls.....lb. .28 Nom.
powd., bbls., bxs.....lb. .33 Nom.
select, bdls., cs.....lb. .90 Nom.
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Lime, chemical (quicklime) lump or pebble, bulk, f.o.b.
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 6.50 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
Hydrated, paper bgs., f.o.b.
Adams, Mass.....ton. 8.50 - —
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.00 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bgs., f.o.b.
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Ala..lb. .07½- .08½
dms., same basis. Tex..lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis...lb. .08½- .09½
dms., same basis.....lb. .12 - —
Solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50, dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd. gal. .07½- —
30-50 dms.....gal. .10½- .14½
Zone 4 ,tanks, dealers, wks., dms., wks., except Cal.gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1: includes Ga., S. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. River; Penn., eastern tier and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 3.75 - 4.00
Linalyl acetate, 70%, cns.....lb. 3.00 - 3.50
90%, cns.....lb. 4.00 - 4.50
92%, cns.....lb. 5.50 - 6.20
Linden flowers, with leaves, bls.lb. .70 - .75
without leaves, bls.....lb. .55 Nom.
Linseed, meal, bgs.....ton.27.50 - —
Litharge, com'l pow'd., bbls., 2 tons, dlvd., Ala., Ariz., Ark.; Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0760- —
Other points.....lb. .0735- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
Other points.....lb. .07¾- —
smaller lots, dlvd., Ala..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
Other points.....lb. .08¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls. lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb jars .....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots.....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots.....lb. .05¾- —
Ordinary, bgs., c.l. (20 tons).lb. .0385- —
smaller lots.....lb. .0410- —
bbls., c.l. (20 tons).....lb. .0410- —
smaller lots.....lb. .0485- —
Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst., and in less car lots is ¼c. higher ex whse. Pac. Cst.

Liverwort, leaves, bls.....lb. .60 - .65
Lobelia, herb, bls.....lb. .23 - .25
Seed, bgs.....lb. .35 - .36
Logwood, cryst., bgs., No. 1..lb. .26 - —
No. 2..lb. .24 - —
extract, bbls., No. 1.....lb. .13 - —
No. 2..lb. .12 - —
No. 3..lb. .11½- —
No. 4..lb. .09 - —
solid, bxs., No. 1.....lb. .22 - —
No. 2..lb. .20 - —
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. .45 Nom.
Lupulin, N.E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.50 - 4.75

M

Mace, Banda, cs.....lb. .47 - .48
Batavia, cs.....lb. .30 - .31
Sinaw. cs.....lb. .37 - .38
West Indian, cs.....lb. .51 - .52
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07¼- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09¼- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09¼- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls.....lb. .09¼- —
kgs.....lb. .10¼- —
Other points.....lb. .08 - —
Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equald, with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.
Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., tons.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11¼
Stearate bbls., etns., 1 ton..lb. .28 - —
smaller lots.....lb. .29 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .37 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —
Magnesite, cal., dom., bgs...ton.67.00 -75.00
imports, bgs., duty paid..ton. No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -25.00
Malva flowers, black, bls.....lb. .90 - .95
blue, bls.....lb. .90 Nom.
Leaves, bls.....lb. .40 - .45
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .13 - .15
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech. bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works. ton.71.50 - —
5-15 tons, works....ton.74.50 - —
½, 4 tons, works....ton.79.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works. ton.71.75 - —
l.c.l., 5 tons, works...ton.74.75 - —
smaller lots, works...ton.79.75 - —
paper bgs., c.l., works...ton.70.00 - —
l.c.l., 5 tons, works....ton.73.00 - —
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 2.90 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .71 Nom.
Resinate, fused, 8½%, bbls..ton. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, wks., lb. .10½- —
single, bbls, works.....lb. .11½- —
fertilizer, 65%, MnSo., bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.37.00 -38.00
Manna flake, large, cs.....lb. 2.00 Nom.
small, cs.....lb. 1.50 Nom.
Mannitol, com'l grade, bbls., ton lots, works...lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, No. 1.....lb. .60 Nom.
Tunisan, bls.....lb. .32 - .33
Chilean.....lb. .11½- .12
Menthol, natural, Chinese, cs..lb. 6.50 Nom.
Japanese, cs.....lb. 6.50 Nom.
synthetic, USP, cs.....lb. No prices
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails. 50 lbs.....lb. 1.34 - —
25 lbs.....lb. 1.36 - —
50% pails, 50 lbs.....lb. 1.94 - —
25 lbs.....lb. 1.96 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 2.82 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.71 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd.....lb. 4.00 - 4.05
Iodide, red, NF, 5-lb. bots..lb. 4.51 - —
100-lb. fib. dms.....lb. 4.40 - —
yellow, 5-lb. bots.....lb. 4.61 - —
fib. dms., 100 lbs.....lb. 4.50 - —
Nitrate ointment (see Nitrine ointment).
Oxide, red, NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, tech. (see Yellow, mercury oxide).
NF VI, fib. dms., 50 lbs., or more..lb. 3.38 - —
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
Mercury and chalk, 5-lb. ctns..lb. 1.85 - —
25-lb. fib. dms.....lb. 1.73 - 1.75
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in....pkg. 3.00 - —
gold, XX, deep, 23K, 3⅜x3⅜ in. pkg.15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .70 - —
Methanol, natural, producer group A, denat., grade tanks...gal. .60 - —
95%, tanks.....gal. .73 - —
97%, tanks.....gal. .75 - —
Pure, dms.....gal. .86 - —

Methanol in drums, car lots, is 6c. per gal. higher, frt. alld., east of the Miss. river. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

group B, pure, tanks, frt. alld., Zone 1..gal. .40 - —
Zone 2.....gal. .42 - —
Zone 3.....gal. .44 - —
Zone 4.....gal. .44½- —
dms., c.l., Zone 1.....gal. .45½- —
Zone 2.....gal. .47½- —
Zone 3.....gal. .49½- —
Zone 4.....gal. .51½- —
l.c.l., Zone 1.....gal. .48½- —
Zone 2.....gal. .65½- —
Zone 3.....gal. .52½- —
Zone 4.....gal. .65½- —

Group B, 95% frt. alld., prices 2c. more than pure, all zones.
97%, frt. alld., prices 1c. more than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. alld.....gal. .39½- —
4, frt. alld.....gal. .41½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .38 - —
2, frt. alld. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. alld. or dlvd..gal. .53½- —
tanks, Zone 1, frt. alld..gal. .30 - —
2, frt. alld.....gal. .32 - —
3, frt. alld.....gal. .34 - —
4, frt. alld.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Nsb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev. Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- .12
W. of Miss. R.....lb. .11¼- .13
l.c.l., dms., dlvd., E. of Miss. R..lb. .11 - .12½
W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R. lb. .09¼- —
W. of Miss. R.....lb. .10¼- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07 - .09
W. of Miss R.....lb. .08 - .10
l.c.l., dlvd. E. of Miss. R..lb. .07½- .09½
W. of Miss. R.....lb. .08½- .10½
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .60 - —
Methyl acetone, dms., c.l., same basis..gal. .66 - —
l.c.l., same basis...gal. .71 - —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, natural, group B, producers, tanks, Zone 1..gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55½- —
Zone 2.....gal. .57½- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61½- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75½- —
Zone 3.....gal. .62½- —
Zone 4.....gal. .75½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Methyl acetone, synthetic, tanks, Zone 1..gal. .43 Nom.
Zone 2.....gal. .44½ Nom.
Zone 3.....gal. .45½ Nom.
Zone 4.....gal. .45½ Nom.
dms., c.l., Zone 1.....gal. .51 Nom.
Zone 2.....gal. .52 Nom.
Zone 3.....gal. .53½ Nom.
Zone 4.....gal. .54½ Nom.
l.c.l., Zone 1.....gal. .54½ Nom.
Zone 2.....gal. .57 Nom.
Zone 3.....gal. .58 Nom.
Zone 4.....gal. .59 - —
Alcohol (see Methanol).

thyl, anthranilate, bots.....lb. 2.00 - 2.30
enzoate, cns., 25 lbs.....lb. .70 - 1.00
hloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

thyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly c. per pound higher than above prices.

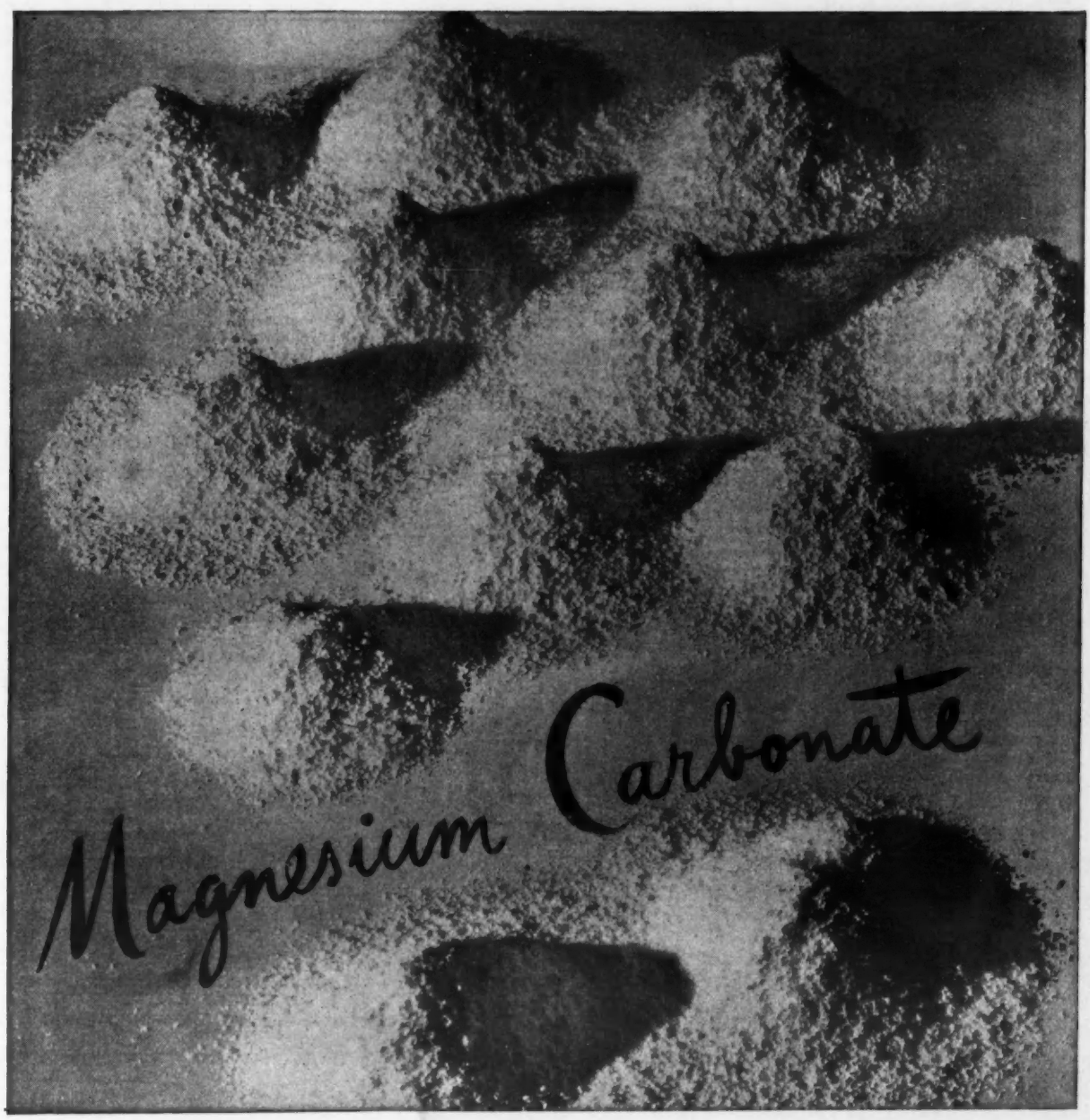
thyl, cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .69 - —
Lactate, dms., l.c.l., dlvd...lb. .50 - —
odide, bots.....lb. 4.00 - 4.15
alicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Molybdated violet toner, bbls..lb. .35 - —
thylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
thylcellulose, dms., 2,000 lbs. or more, works..lb. .50 - —
100 to 1,999 lbs., works...lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
thylcyclohexane, 98-100%, dms., works..lb. .16 - —
thylcyclohexanol, 98-100%, dms., works..lb. .23 - —
thylcyclohexanone, 98 - 100%, dms., works..lb. .23 - —
thylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
thylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
thylhexyl ketone, dms., tech., works..lb. .60 - —
thylisobutyl ketone, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11 - —
thylnaphthyl ketone, dom., cryst., bots..lb. 2.40 - 2.50
imp., bots.....lb. 3.10 - —
letronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works..lb. .02 - —
500 lbs., works..lb. .02½- —
100 lbs., works.....lb. .03 - —
refined, bgs., extra and returnable, c.l., wks..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works...lb. .02½- —
500 lbs., works...lb. .03 - —
roofing, bgs., extra and returnable, c.l., works....ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04⅝- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅞- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., ex whse., or frt. alld. E..lb. .04½- —
biotite, bgs., c.l., frt. alld. E..lb. .03½- —
l.c.l., ex whse. or frt. alld. E..lb. .04 - —
Wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk, powder, skimmed, roller, bbls., c.l..lb. .10½- —
l.c.l. .....lb. .11½- —
spray, bbls., c.l.....lb. .10½- —
l.c.l. .....lb. .11½- —
unskimmed, roller, bbls., c.l.. lb. .25½- —
l.c.l. .....lb. .26½- —
spray, bbls., c.l.....lb. .26 - —
l.c.l. .....lb. .27 - —
Millet seed, yellow, bgs.....lb. .0240- .0260
early fortune, bgs.....lb. .02¼- .02⅝
hulled, bgs.....lb. .06½- .06⅝
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .09½- —
f.o.b. Gulf ports.....gal. .09 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., wks..lb. .50 - —
l.c.l., works.....lb. .53 - —
Monoamylnaphthalene, l.c.l., dms. works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., wks..lb. .37 - —
l.c.l., works.....lb. .40 - —
Monochlorobenzene, dms., l.c.l. lb. .07 - —
smaller, cns.....lb. .08 - .09
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .35 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .60 - —
l.c.l., dlvd.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.90 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots. oz. 9.00 - —
25-oz. cans.....lb. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c., works..lb. .67 - —
smaller containers, works....lb. .73 -
Mullein leaves, cans.....lb. .15 - .16
flowers, cns.....lb. 1.50 - 1.55
Musk, nat., Tonquin, grains, bots..oz.30.00 -35.50
synth., ambrette, cns., 100 lbs. or more..lb. 3.75 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 4.20 - —
ketone, cns., 100 lbs. or more, lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.00 - —
1 lb.....lb. 4.35 - —
xylol, cns., 100 lbs. or more, lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.35 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown, lb. .16 - .16½
yellow, bgs.....lb. .16 - .16½
Chinese, yellow, bgs.....lb. .08 - .08½
Danish, yellow.....lb. .27 - .2
English, yellow, bgs.....lb. .27½- .28
Dutch, yellow, bgs.....lb. No stocks
Montana, yellow, bgs.....lb. .12½- .13
Roumanian, yellow.....lb. .15½- .16
Myrobalans, J1, bgs., f.a.s...ton. No price
J2, bgs., f.a.s.....ton. No price
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. .10 - .10½

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., tanks, works...100 lbs. 2.25 - —
78 deg., tanks, works..100 lbs. 2.50 - —

Methyl Anthran.—Nitrocellulose

Naphthalene refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works, lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
pkgs. (16 oz.), same basis..lb. .08½- —
(12 oz.), same basis....pkg. .07 - —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .13 - .20
Cyanide, 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Niger seed, bgs.....lb. .15 - .16
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dhl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., wks., lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35, ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —



MANUFACTURERS in many industries have found that Witco Magnesium Carbonate can be relied upon to give highly satisfactory results. It is one of the most transparent magnesium carbonates obtainable on the commercial market today. This quality is the result of Witco's determination to make available a product that would meet the most exacting demands. To users Wishnick-Tumpeer offers prompt service and efficient cooperation in the application of this Magnesium Carbonate to various requirements.

WISHNICK-TUMPEER, INC.

MANUFACTURERS AND EXPORTERS

New York, 295 Madison Ave. • Boston, 141 Milk St. • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Witco Affiliates: Witco Oil & Gas Company • The Pioneer Asphalt Company Panhandle Carbon Company • Foreign Office, London, England

Nitrocell., Lacq.—Oil, Olive

Nitrocellulose, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms., works, lb. .25 - —

Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158- —

Nitrogenous fertilizer material, dom., 10% ammon., bulk, f. o. b. Carrollville, Wis., dlvd..unit-ton. 2.00 Nom.

f.o.b. Chemical, Ill..unit-ton. 2.00 Nom.

f.o.b. East Coast producing points..unit-ton. 2.25 - —

Import, bgs., c. i. f. Atlantic ports, shipt..unit-ton. No prices

Nitromethane, l.c.l., dms., works, lb. .25 - —

Nitronaphthalene, bbls.....lb. .24 - .25

Nitropropane I, l.c.l., dms., works, lb. .25 - —

II, same basis.....lb. .25 - —

Nutgalls, Aleppo, bgs., oz....lb. No prices

Chinese .....lb. .26 - .28

Extract (see Gall extract).

Nutmegs, E. I., 80s, bgs., cs..lb. .18½- .19

110s, bgs., cs.....lb. .16½- .17

small, grinding, bgs.....lb. .16 - .16½

West Indian, bgs.....lb. .14¼- .14¾

Nux Vomica, bls.....lb. .07 - .09

powd., bbls., bxs.....lb. .11 - .12

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½- —

l.c.l., bbls., works.....lb. .03¾- —

tanks .....lb. .03 - —

Ocher (see Yellow).

Octane, 100-140° C., industrial grade, dms., c.l., G. 3, gal. .15 - —

l.c.l., G.3.....gal. .27 - —

10 gals., G.3.....gal. .55 - —

tanks, G.3.....gal. .12½- —

Octanol, normal, tech., 360-lb. dms., dlvd..lb. .85 - —

Oil, almond, bitter, artif. (see Benzaldehyde).

natural, U.S.P., bots.....lb. 3.50 - 3.75

sweet, true, exp., cns.....lb. 1.75 - 1.90

Amber, crude, cns.....lb. No stocks

ref'd, cns.....lb No stocks

Amyris, cns.....lb. 3.75 - —

Angelica, root, bots.....lb. No stocks

seed, bots.....lb. 110.00- 120.00

Anilin (see A).

Anise, USP, cns., dms.....lb. .85 - .95

Apricot, kernels, cns.....lb. .40 - .48

Avocado, cns., dms.....lb. .75 - .85

Bay, W. I., 50-55% phenols, cns..lb. .90 - 1.25

55-66% phenols, cns.....lb. 1.00 - 1.35

Bergamot, artif., cns.....lb. 2.75 - 9.25

natural, coppers.....lb.20.00 Nom.

Birch (see Oil, sweet birch).

Birchtar, crude, cns.....lb. .90 - —

rect'fd., cns.....lb. 1.50 - —

Bois de Rose, Brazil, cns..lb. 3.25 - 3.75

Cade USP IX (see Oil Juniper tar).

Oil, cajeput, tech., dms.....lb. .82 - 1.10

USP IX, cns.....lb. .84 - 1.25

USP X, cns.....lb. 1.10 - 1.25

Calamus, cns.....lb. No stocks

Camphor, sassafrassy, cns...lb. .22½- .28

dms.....lb. .19½- .22

white, cns.....lb. .25 - .29

dms.....lb. .22 - .26

Cananga, native, cns.....lb. 8.75 - 9.00

rectified, cns.....lb. 9.25 -10.00

Capsicum (oleoresin), USP VIII, cns..lb. 3.85 - 5.50

Caraway, USP, cns.....lb.10.50 -12.00

Cardamom, bots.....lb.25.00 -30.00

Cassia, USP, cns.....lb. 3.25 - 3.75

Castor, blown, one-way dms., c.l..lb. .13¼- —

l.c.l. .....lb. .14 - —

cold pressed, USP, bbls., c.l. lb. .12 - —

l.c.l. .....lb. .12¾- —

cns. (1-gal.), l.c.l.....lb. .15½- —

dms. (returnable), c.l...lb. .11½- —

l.c.l. .....lb. .12¾- —

(5-gal.), l.c.l.....lb. .13½- —

tanks .....lb. .11 - —

dehydrated, dms., c.l.....lb. .1570- —

l.c.l. .....lb. .1610- —

tanks .....lb. .1500- —

extracted No. 3, tech., bbls., c.l..lb. .11½- —

l.c.l. .....lb. .12¼- —

dms. (returnable), c.l....lb. .11¼- —

l.c.l. .....lb. .12 - —

tanks .....lb. .10¾- —

sulphonated, 50% (43% fat), dms., c.l..lb. .07¾- —

l.c.l. .....lb. .08¾- —

75% (63% fat), dms., c.l..lb. .10¼- —

l.c.l. .....lb. .11¾- —

Oil, castor, sulphonated, 80% (68% fat), dms., c.l..lb. .11 - —

l.c.l. .....lb. .12 - —

Castor oil, USP, and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums ¼c. higher, all points.

Cedarleaf, cs.....lb. 1.03 - 1.38

dms.....lb. 1.00 - 1.35

Cedarwood, Southern, cns....lb. .30 - .34½

dms.....lb. .28 - .32½

Celery, bots.....lb.25.00 -31.00

Chaulmoogra, USP, cns.....lb. .68 - —

Chinawood, dms.....lb. .33 Nom.

tanks .....lb. .31½ Nom.

Cinnamon, bark, bots.....lb. 9.75 -32.00

leaf, dms.....lb. .85 - 1.20

Citronella, Ceylon, cns.....lb. .82 Nom.

dms.....lb. .80 Nom.

Java, cns., dms.....lb. .75 - .80

Clove, makers, USP, cns....lb. 1.20 - 1.25

dms.....lb. 1.15 - 1.20

Coconut, Manila, crude, tanks, lb. .07½ Nom.

edible, 76°, dms., c.l.....lb. .13 Nom.

l.c.l. .....lb. .13½- .14

tanks .....lb. No prices

Cod, Newf., dms.....gal. .78 - .80

Codliver, med., USP, bbls...bbl.80.00 -85.00

Coriander, bots.....lb.18.00 -25.00

Corn, crude, tanks, works....lb. .12¼- .12¾

refd., bbls.....lb. .14¾ Nom.

Cottonseed, cooking, bbls....lb. .14 - —

salad, bbls.....lb. .14¼- —

Creosote (see C).

Croton, N.F., cns.....lb. 2.40 - 3.00

Cubeb, USP, cns.....lb. 3.50 - 3.75

Crude (see Petroleum, crude).

Cumin, bots.....lb. 8.00 -12.00

Cypress, bots.....lb.12.00 - —

Degrass (see D).

Dill seed, bots.....lb. 5.50 - 6.00

weed, bots.....lb. 5.75 - 6.25

Dip (see L).

Erigeron, cns.....lb. 1.50 - 2.25

Eucalyptus, cns.....lb. .67 - .70

dms.....lb. .64 - .67

Fennel, sweet, cns.....lb. 2.00 - 2.35

Gaultheria (see Oil, wintergreen leaf).

Geranium, Algerian, rose, cns. lb.15.00 - —

Bourbon, cns.....lb.15.00 - —

Turkish (see Palmarosa)

Grapefruit, cns.....lb. 1.65 - 2.65

Grapeseed, dom., dms.....lb. .35 - .36

imported, dms.....lb. .15 - .20

Ginger, dist., bots.....lb. 5.75 - 9.50

Guaiac wood, concrete, bots..lb. 3.75 - 4.50

Halibut liver, ref., dms....gal.36.00 - —

Hemlock, cns.....lb. .90 - 1.25

Juniper, berry, cns.....lb.15.00 - —

wood, tech., cns.....lb. No stocks

Juniper tar, USP XI, dms...lb. .72 - .95

Lard, common, 1, bbls.....lb. .12¼- —

2, bbls.....lb. .11⅞- —

extra, bbls.....lb. .12½- —

1, bbls.....lb. .12¼- —

Winter, strained, bbls....lb. .12¾- —

prime, burning, bbls.....lb. .13½- —

prime, ined., bbls.....lb. .13 - —

Laurel, bots.....lb. 5.00 Nom.

Lavandin, cns., 25 lbs.....lb. No stocks

Lavender flower, French, 50% ester, cns..lb. No prices

38-42% ester, cns.....lb.10.00 -10.25

35-38% ester, cns.....lb. No prices

30-32% ester, cns.....lb. No prices

garden, cns.....lb. .53 - .70

spike, Spanish, tech., cns..lb. 2.55 - 3.00

dms.....lb. 2.45 - 2.90

Lemon, Calif., cns.....lb. 3.25 - —

Messina, coppers, cns.....lb. 5.50 - 6.50

Terpeneless, Type 1.....lb.10.75 -17.00

Type 2.....lb. 8.50 -15.00

Lemongrass, native, cns., dms., lb. 1.75 - 1.90

Lime, dist., cns.....lb. 5.75 - 7.25

expressed, cns.....lb. 8.00 -10.75

Terpeneless .....lb.60.00 -65.00

Linaloe, wood, cns.....lb. 2.60 - 2.85

Linseed, raw, dms., c.l.....lb. .1110- .1130

l.c.l., 10 to 60.....lb. .1150- —

5 to 9.....lb. .1170- —

less than 5.....lb. .1190- —

tanks .....lb. .1020- .1040

boiled linseed oil .004 cent over raw.

Lovage, extra fine, bots.....lb.85.00 - —

Lubricating, at refinery, ex tax

California, neutrals, pale, 200-600 vis., 2½-4, tanks, gal. .07¼- .11

red, 200-900 vis., 4-6½ plus, tanks..gal. .07¼- .11¼

Group 3, bright stocks, 100-210 D, 0-25 pour, tanks, gal. .19 - .24

neutral, 150-400 vis., 3-3½, 0-10 pour, tanks..gal. .11½- .17

200-280 vis., 3, 15-25 pour, tanks..gal. .11½- .13½

Pennsylvania, bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks...gal. .25 - .28½

cylinder oils, 600-630 flash, tanks..gal. .14 - .16

600 - 650 steam ref'd, tanks..gal. .13 - .14½

neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks..gal. .31 - .38

200 vis., 0-25 pour, tanks, gal. .33 - .40

Mace, dist., cns., dms.....lb. 2.15 - 2.65

Mandarin, Brazilian, cns....lb. 8.00 - —

Italian, coppers.....lb. 9.55 - —

Menhaden, crude, tanks, fut., Balto..gal. .57½ Nom.

ref'd alkali, dms.....lb. .1140- —

kettle-boiled, dms.....lb. .1240- —

light-pressed, dms.....lb. .1040- —

tanks .....lb. .0940- —

Mineral, white (see Oil, white mineral).

Mustard, artif., USP, bots., cns., lb. 1.45 - 1.60

dist., natural, bots.....lb. 9.50 -10.00

Neatsfoot, 20° cold test, bbls., lb. No prices

extra, bbls.....lb. .12¾- —

1, bbls.....lb. .12¼- —

prime, bbls.....lb. .12¾- —

pure, bbls.....lb. .17¾- —

Neroli, bots.....lb.200.00 -375.00

Nutmeg, dist., cans, dms....lb. 2.15 - 2.65

Oiticica, liquid, dms.....lb. .20½- .21

tanks .....lb. .20 - —

Oleo, 1, bbls.....lb. .11¾- —

2, bbls.....lb. .12¼- —

Olibanum, bots.....lb. 5.00 - 5.25

Olive, denat., dms.....gal. 3.85 - 4.00

edible, Calif., dms.....gal. 4.75 - 5.00

imported, dms.....gal. 5.55 - 5.70

foots, dms.....lb. .16¾- .17¼

sulphonated, 50% (40% fat), dms., c.l..lb. No prices

l.c.l. .....lb. No prices

75% (63% fat), dms., c.l..lb. No prices

l.c.l. .....lb. No prices

80% (68% fat), dms., c.l..lb. No prices

l.c.l. .....lb. No prices

AMERICAN MANUFACTURED AROMATICS OF *Exceptional Quality*

UTMOST PURITY for use in Cosmetics and Perfumes for pure finished products.

UNIFORMITY means economy in time and expense.....with uniform, trouble free results.

DEPENDABILITY . . . American source of supply . . . proper packing . . . prompt shipping.

You can depend upon our Aromatics to give the superiority of bouquet that you desire.

Acetophenone
Aldehyde C-10
Aldehyde C-12M
Aldehyde C-14
Aldehyde C-16 100%
Aldehyde C-18 100%
Aldehyde C-20 (Raspberry Aldehyde)
Alpha Amyl Cinnamic Aldehyde
Amyl Salicylate (Trefol-Orchid)
Anisic Alcohol
Benzalacetone (Benzylidin Acetone)
B-Methyl Phenyl Glycidic Acid Ethyl Ester
Benzaldehyde, ffc.
Benzoic Acid Ethyl Ester
Benzoic Acid Methyl Ester
Benzophenone Extra
Benzyl Acetate Ia, ffc.
Benzyl Alcohol, ffc.
Benzyl Benzoate, ffc.
Benzyl Cinnamate
Benzyl Salicylate
Bromelia
Bromstyrol pure
Cinnamic Alcohol
Cinnamic Aldehyde 100% ffc.
Cinnamyl Acetate
Cinnamyl Butyrate
Cinnamyl Formate
Cinnamyl Iso Butyrate
Cinnamyl Propionate
Citronellol
Cumarin 100%
Cuminic Aldehyde
Diacetyl
DiMethyl Anthranilate
DiMethyl Hydroquinone
DiPhenyl Oxide
Ethyl Benzoate
Ethyl Cinnamate
Ethyl Methyl Phenyl Glycidate
Ethyl Phenyl Acetate
Ethyl Phthalate
Ethyl Vanillin (Vanillose)
Geraniol Extra
Geraniol Pure
Geraniol T
Heptylidine Acetone
Hyacinthin Special
Hydratropic Aldehyde
Hydrocinnamic Alcohol
Hydrocinnamic Aldehyde 100%
Hydroxy Citronellal Special
Indol
Indolene
Ionone Ketone
Ionone Methyl
Ionone Terpenes
IsoBornyl Acetate
IsoButyl Furyl Propionate
IsoButyl Salicylate
Methyl Acetophenone (Melilot)
Methyl Amyl Ketone
Methyl Anthranilate
Methyl Anthranilate of Methyl (DiMethyl Anthranilate)
Methyl Benzoate (Niobe-Oil)
Methyl Cinnamate
Methyl Iso Amyl Ketone
Methyl Nonyl Ketone
Methyl Naphthyl Ketone (Orangeol A)
Methyl Phenyl Acetate
Methyl Phenyl Carbinol (Styralyl Alcohol)
Methyl Phenyl Glycidate of Ethyl
Methyl Salicylate (Oil of Wintergreen Art.)
Nerolin Bromelia
Nerolin Yara Yara
Niobe Oil (Methyl Benzoate)
Para Cresyl Acetate
Para Cresol Ethyl Ether
Para Cresol Methyl Ether
Phenyl Acetaldehyde DiMethyl Acetal
Phenyl Ethyl Acetate
Phenyl Ethyl Butyrate
Phenyl Ethyl Iso Butyrate
Phenyl Ethyl Alcohol
Phenyl Ethyl Cinnamate
Phenyl Propyl Alcohol
Phenyl Propyl Aldehyde
Pineapple Base Special
Rhodinol
Styralyl Acetate
Styralyl Alcohol (Methyl Phenyl Carbinol)
Terpineol
Terpineol Alpha Extra
Tetra Hydro Para Methyl Quinoline
Tolyl Aldehyde
Undecalactone
Vanillin Crystals C.P.
Vanillose (Ethyl Vanillin)
Yara Yara

PRODUCT GL 4C A non-toxic wetting agent and detergent with excellent foaming qualities for Liquid Dentifrices, Soapless Shampoos, Brushless Shaving Creams, etc.

INDOL.

COLLORESIN Replaces Gum Tragacanth satisfactorily.

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GENERAL DRUG COMPANY
644 PACIFIC STREET, BROOKLYN, N. Y.
9 SOUTH CLINTON STREET, CHICAGO TRANSPORTATION BUILDING, LOS ANGELES
1019 ELLIOTT STREET, W., WINDSOR, ONT

Oil, orange, sweet, dist., cs...lb. 1.00 - —
expressed, Calif., cns.....lb. 3.00 - —
Florida, cns.....lb. 2.85 - 2.90
Messina, USP, coppers...lb. 8.00 Nom.
West Indies, cns.....lb. 4.75 - 6.00
terpeneless .....lb.42.00 -50.00
Origanum, cs.....lb. 1.50 - 2.45
Sumatra, tanks.....lb. .06½ Nom.
ship't, bulk.....lb. .04½ Nom.
Palmarosa, cns.....lb. 3.15 - 3.50
Paraffin, 329° flash, 60-70 vis., tanks, G. 3..gal. .06¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .06½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .06¾- —
Patchouli, bots, cns.....lb. 4.85 - 6.00
Peanut, crude, nom., tanks...lb. .11 Nom.
refd., edible, bbls.....lb. .15 Nom.
Pennyroyal, dom., cns.....lb. 2.50 - 2.65
import, cns.....lb. 2.40 - 2.75
Peppermint, natural, cns., dms. lb. 3.35 - 3.80
redist., USP, cns., dms....lb. 3.55 - 4.15
Perilla, dms.....lb. .21 - .21½
tanks .....lb. .20 - —
Petitgrain, Paraguay, cns...lb. 1.45 - 1.50
dms. .....lb. 1.40 - 1.45
Pimento berry, cns.....lb. 4.25 - 8.50
leaf, cns.....lb. 2.25 - 2.75
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .60 - —
steam-dist., dms.....gal. .61 - .65
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. 1.75 - 1.80
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Boston, Providence, gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, tax incl., dms.....lb. .15½- .15¾
tax not incl., tanks.....lb. .10 - —
blown, dms.....lb. .17½ Nom.
Red, dist., or saponif., dms., dlvd..lb. .11½- .12½
tanks, dlvd.....lb. .10¾- —
Rose, synth., bots.....lb. 4.00 -60.00
natural, coppers.....oz.16.75 -20.00
Rosemary, Spanish, cns.....lb. .88 - 1.03
dms. .....lb. .85 - 1.00
Rosin, 1st rectified, dms...gal. .44 - —
2d rectified, dms.....gal. .46 - —
3d rectified, dms.....gal. .50 - —
Rue, bots.....lb. 7.25 - —
Sage, cns.....lc. 7.50 Nom.
Sandalwood, domestic distilled, USP, cns..lb. 4.65 - 5.00
Mysore, cns., case lots....lb. 5.40 - 5.50
Sardine, crude, fut., tanks, Pac. Cst..gal. .60 Nom.
refd., alkali, dms.....lb. .1140- —
kettle-boiled, dms.....lb. .1240- —
light-pressed, dms.....lb. .1040- —
tanks .....lb. .0940- —
Sassafras, artif., cns.....lb. .88 - .89
dms. .....lb. .85 - .86
natural, cns., dms.....lb. 1.05 - 1.20
Savin, cns.....lb. No stocks
Savory, cns.....lb. No stocks
Shark liver, crude, dms..million vitamin units. .10 - —
Sesame, crude, coast, tanks..lb. .10¾ Nom.
Shingle stains, bbls., c.l., works. gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 8.50 -10.00
Soybean, dom., crude, dms..lb. .11¾- .12¼
tanks .....lb. .10¼ Nom.
refd., dms.....lb. .12 - .12½
tanks .....lb. .11½ Nom.
Spearmint, dms.....lb. 2.55 - 2.80
Sperm, bleach, 38°, dms.....lb. .1220- —
45°, dms.....lb. .1150- —
natural, dms .....lb. .1100- —
Spruce, cns., dms.....lb. .95 - 1.25
Sweet, birch, North, cns.....lb. 2.50 - 3.25
South, cns.....lb. 1.60 - 1.75
Tall crude, dms., c.l., works. ton.40.00 - —
l.c.l., works.....ton.45.00 -50.00
tanks, works.....ton.30.00 - —
distilled, dms., c.l., dlvd...lb. .05½- .07
l.c.l., dlvd.....lb. .06½- .08¼
tanks, dlvd.....lb .05 - .06¾
refined, dms., c.l., works...lb. .04 - —
l.c.l., works.....lb. .04½- —
tanks, works.....lb. .03½- —
Tallow, acidless, bbls.....lb. .11¾- —
tanks .....lb. .11¼- —
Tansy, cns.....lb. 3.55 - 4.25
Tar, pine, com'l, dms., c.l., dlvd. E. cities..gal. .27 - —
E. ports, c.l.....gal. .26½- —
l.c.l.....gal. .30 - —
tanks, dlvd. E. cities..gal. .21 - —
rectfd., USP, bbls., l.c.l., dlvd. E. ports..gal. .55 - —
Tar acid (see T).
Teaseed ,crude, dms.....lb. .24 Nom.
refined, dms.....lb. .27 Nom.
Tea tree (see Oil, Ti tree).
Thyme, NF, red, cns.....lb. 1.40 - 2.25
white, cns.....lb. .95 - 2.50
Tung (see Oil, Chinawood).
Ti tree, cns.....lb. 2.50 - 2.65
Turkey red (see castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 8.50 - —
Vetiver, Java, bots.....lb. 8.50 -11.00
Whale, ref., natural, dms...lb. .1010- —
winter, bleach, dms.....lb. .1050- —
Wheat germ, cns., dms.....gal.17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms..gal. .34 - .43
65-75 vis., dms.....gal. .35 - .44
80-90 vis., dms.....gal. .36 - .45
USP, 80-90 vis., dms..gal. .38 - .47
95-105 vis., dms.....gal. .43½- .52½
125-135 vis., dms.....gal. .49 - .58
140-150 vis., dms.....gal. .51 - .60
175-185 vis., dms.....gal. .54½- .63½
200-210 vis., dms.....gal. .57½- .65½
320-330 vis., dms.....gal. .65 - .74
335-345 vis., dms.....gal. .66 - .75
Russian, 80-90 vis., dms...gal. No prices
145-155 vis., dms.....gal. No prices
175-185 vis., dms.....gal. No prices
335-345 vis., dms.....gal. No prices
Wintergreen, natural, North, cns..lb. 4.75 - 6.00
South, cns.....lb. 3.50 - 3.85
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.20 - 2.70
Wormwood, cns.....lb. 4.50 - 5.00
Ylang-ylang, Bourb., bots., cns. lb. No stocks
Manila, bots.....lb.85.00 -40.00

Olivine, aggregate c.l. mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bags, c.l., wks..ton. 9.50 - —
ground, 325 mesh, c.l., mines. ton.20.00 - —
200 mesh, c.l., mines....ton.17.00 - —
100 mesh, c.l., mines....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
Opium, gum, USP, 50-lb. lots, cns..lb.11.50 - —
25-lb. lots, cns.....lb.11.75 - —
5-lb. lots, cns.....lb.12.00 - —
1-lb. lots, cns.....lb.12.15 - -
Prices on powd. and gran. USP opium are $1 per pound higher.
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 3 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .11½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., Wash..lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¾- —
Other points.....lb. .11¼- —
smaller lots, dlvd., Ala., etc..lb. .12 - —
Ariz., etc.....lb. .12½- —
Colo., Mont., N. M., Wyo..lb. .12¾- —
Other points.....lb. .11¾- —
French, Tours, casks, ex dock, lb. No prices
kgs., ex dock.....lb. No prices

Orange, molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .45 - .50
Orange peel, bitter, bls.....lb. .09 - .10
sweet, bls.....lb. .10 - .13
Haitain, bgs.....lb. .07½- .08
Orris root, Florentine, bgs....lb. 2.00 Nom.
fingers, cs.....lb. No stocks
powd., bbls., bxs.....lb. 2.25 Nom.
Verona, bls.....lb. 2.00 Nom.
powd., bgs., cns.....lb. 2.25 Nom.
Orthoamylphenol, l.c.l., dms., works..lb. .15 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloraniline, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works..lb. .17 - —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - .07
l.c.l., same basis.....lb. .07 - .08
100-lb. tins, same basis.lb. .08 - .09
50-lb. tins, same basis..lb. .09 - .10
tanks, same basis.....lb. .05½- .06½
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniliin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol,cns.lb. .75 - -
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .80 - —
Orthotoluidin, dms.....lb. .19 - -
Osage orange, crystals, bgs....lb. .21 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2..lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs. works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.75 - 4.15

Oil, Orange—Paraffin

P

Papain, powd., cs.....lb. 2.50 - 2.60
Paprika, Algerian, bgs.....lb. .32½- .33
Bulgarian, bgs.....lb. .26 - .29
Portuguese, fancy, bgs.....lb. .35½- .36
good, bgs.....lb. .33½- .34
Spanish, extra fancy, cs....lb. .42 - .42¼
medium, cs.....lb. .39½- .40
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .13½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla. refy..lb. .05¼ Nom.
bbls., c.l., N.Y.....lb. .05¼ Nom.
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .05¼ Nom.
bbls., c.l., N.Y.....lb. .05¼ Nom.
yellow, 124-126 A.m.p., bbls., c.l., N.Y..lb. .05 Nom.
fully refd., 123-125 A.m.p., bgs., c.l..lb. .0570 Nom.
128-130 A.m.p., bgs. or loose, c.l..lb. .0570 Nom.
131-133 A.m.p., bgs. or loose, c.l..lb. .0595 Nom.
133-135 A.m.p., bgs. or loose, c.l..lb. .0625 Nom.
135-137 A.m.p., bgs. or loose, c.l..lb. .0650 Nom.
138-140 A.m.p., bgs. or loose, c.l..lb. .0725 Nom.
143-145 A.m.p., bgs. or loose, c.l..lb. .0820 Nom

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OIL OF LEMON
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Outsells
ALL OTHER BRANDS COMBINED
3 to 1

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Paraffin—Quinine-Urea

Paraffin, fully ref'd, 151-153 A.m.p., bgs. or loose, c.l. lb. .15 Nom.

Refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is 5c. lower. Prices are for contract delivery.

match, A.m.p., up to and incl. 110-112 bbls., c.l..lb. .03½- —

Semi-refd., solid, 122-124 A.m.p., bgs..lb. .06 Nom.

Paraformaldehyde, dms., 1,000 lbs, or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C..lb. .23 - —

100 to 900 lbs., shipments, same basis..lb. .24 - —

Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works..lb. .12 - —

5 and 10-gal. dms., works..lb. .15 - —

USP, cs., cbys.....lb. .37 - .45

Paranitrophenol, kgs.....lb. .35 - —

Paranisidine, dms.....lb. .75 - —

Paranitroanilin, kgs., works...lb. .45 - —

Paranitrochlorobenzene, kgs...lb. .15 - —

Paranitrotoluene, kgs.....lb. .30 - —

Paraphenylenediamine, bbls....lb. 1.25 - 1.30

Paratoluenesulphonamide, bbls.lb. .70 - —

Paratoluidin, bbls.....lb. .48 - —

Pareira brava root, bls.....lb. .20 - .21

Paris green, dealer, dms., kegs, c.l., f.o.b. wks., frt. alld..lb. .24 - .26

l.c.l., same basis.....lb. .25 - .27

Passion flower, herb, bls.....lb. .06 - .07

Patchouli leaves, bls.....lb. .28 - .30

Pellitory root, bls.....lb. .30 - .32

Pennyroyal leaves, bls.....lb. .15 - .16

Pentachlorophenol, dms., works. lb. .20 - .25

Pentaerythritol, C.P., bbls., dlvd. lb. .75 - —

less than barrel lot.....lb. 1.00 - —

tech., bbls, dlvd.....lb. .33½- .35½

less than barrel lots...lb. .40 - —

Pentaerythritol tetra acetate, bbls., dlvd..lb. 1.00 - —

less than barrel lot.....lb. 1.50 - —

Pentanes, 28°-38° C., industrial grade, dms., c.l., G.S. gal. .11 - —

l.c.l., G.S.....gal. .19 - —

tanks, G.S.....gal. .08½- —

laboratory grade, dms., c.l., G.S. gal. .16 - —

l.c.l., G.S.....gal. .27 - —

10 gals., G.S.....gal. .55 - —

Pepper, black, Alleppy, bags..lb. .08¾- .09¼

Lampong, bgs.....lb. .0635-.0665

Tellicherry, bags.....lb. .08½- .09

white, Java, Muntok, bags..lb. .11 - .11½

Muntok, small berry, bags.lb. .10¾- .11¼

red, chillies, Japan, Montaka.lb. .22½- .23

Mombassa, bgs.....lb. .24½- .25

Sierre Leone, bgs.....lb. .24 - .24½

Peppermint leaves, dom., bls..lb. .70 - .75

import, bls.....lb. **1.26 Nom.**

Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .08 - —

l.c.l., same basis.....lb. .08½- —

Zone 2, dms., c.l., works, frt. alld..bl. .08½- —

l.c.l., same basis.....lb. .09 - —

Zone 3, dms., c.l., works, frt. alld..lb. .09 - —

l.c.l., same basis.....lb. .09½- —

Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —

l.c.l., same basis.....lb. .09½- —

All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:— Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.....lb. 1.35 - 1.40

Petrolatum, amber, dms.....lb. .03½- —

l.c.l. .....lb. .04½- —

amber, extra, dms.....lb. .03¾- —

l.c.l. .....lb. .04¾- —

white, cream, dms., c.l.....lb. .05 - —

l.c.l. .....lb. .06½- —

lily, dms., c.l.....lb. .05¾- —

l.c.l. .....lb. .07¼- —

snow, dms., c.l.....lb. .06¾- —

l.c.l. .....lb. .08 - —

Petroleum, crude, bulk, at wells:—

California .....bbl. .43 - 1.71

Canada .....bbl. 1.08 - 1.70

Central West:—

Illinois .....bbl. 1.37 - —

Ohio .....bbl. 1.05 - 1.10

Michigan .....bbl. 1.17 - 1.44

Indiana .....bbl. 1.22 - —

East Texas.....bbl. 1.25 - —

Gulf Coast.....bbl. 1.06 - 1.48

Kentucky, Tennessee.....bbl. 1.22 - 1.43

Louisiana, Arkansas.....bbl. .94 - 1.36

Mexico .....bbl. No prices

Midcontinent (Oklahoma, Kansas, North Texas)...bbl. .75 - 1.26

Pennsylvania, Ohio, West Virginia:—

Bradford, Allegany....bbl. 2.75 - —

Corning .....bbl. 1.31 - —

N. Y. Transit lines....bbl. 2.75 - —

Eureka lines .....bbl. 2.34 - —

Penna., S. W. Penn lines. bbl. 2.40 - —

Lower district in National Transit lines..bbl. 2.63 - 2.68

Rocky Mountains.....bbl. .96 - 1.20

South Central and Southwestern Texas..bbl. 1.03 - 1.50

Texas Panhandle, W. Texas and N. Mexico.....bbl. .70 - 1.27

Ether, laboratory grade, 30-60°C, c.l..gal. .16 - —

l.c.l. .....gal. .27 - —

10 gals.....gal. .55 - —

35-60°C., l.c.l.....gal. .27 - —

10 gals.....gal. .55 - —

40-75°C., c.l.....gal. .16 - —

l.c.l. .....gal. .27 - —

10 gals.....gal. .55 - —

Petroleum ether prices are spot quotations, f.o.b. Group 3, for material packed in drums.

Lacquer, diluent, at refinery:—

California, 100 l.b.h., 200 e.p., tanks, dlvd., Los Angeles..gal. .11 - —

San Francisco..gal. .11½- —

Willbridge, Ore., Fort Wolles, Wash..gal. .12 - —

East Coast, N. Y., tanks, gal. .10½- —

N. J., tanks.....gal. .11 - —

Group 3, toluol type, tanks, gal. .07⅞- .08¼

Benzol type, tanks..gal. .07⅞- .08¾

Petroleum, mineral spirits, at refinery, California (f.o.b. San Francisco), 166-252 b.r., tanks..gal. .10½- —

198-290 b.r., tanks...gal. .10¼- —

246-397 b.r., tanks...gal. .10¼- —

312-408 b.r., tanks...gal. .09 - —

362-456 b.r., tanks...gal. .09 - —

East Coast, N. Y., tanks, gal. .09 - —

N. J., tanks.....gal. .09½- —

Group 3, tanks.....gal. .06¾- —

Gulf Coast, tanks.....gal. .06½- —

tankwagon:—

Albany .....gal. .13¼- —

Baltimore (100 gals.)..gal. .14 - —

25-99 gals.....gal. .16 - —

Boston .....gal. .13¼- —

Bound Brook, North Amboy, N. J..gal. .13½- —

Bridgeport, Conn.....gal. .11¼- —

Buffalo .....gal. .15¼- —

Camden, N. J.....gal. .10 - .11¼

Chicago .....gal. .1870- —

Decatur .....gal. .1810- —

Des Moines.....gal. .1790- —

Evansville, Ind.....gal. .1420- .1530

Milwaukee .....gal. .1930- —

Minneapolis-St. Paul..gal. .19½- —

Newark .....gal. .09¾- —

New York (200 gal.)..gal. .10 - —

Omaha .....gal. .12½- —

Pittsburgh .....gal. .11½- .13½

Providence .....gal. .12 - —

Rochester .....gal. .12½- —

St. Louis.....gal. .1470- —

Syracuse .....gal. .10½- —

Trenton .....gal. .10½- —

Wilmington, Del.....gal. .12½- —

Naphtha, cleaners, at refinery:—

California (f.o.b. San Francisco), tanks..gal. .12 - —

East Coast, N. Y., tanks, gal. .10 - —

N. J., tanks.....gal. .10½- —

Group 3, tanks.....gal. .07½- —

Gulf Coast (f.o.b. New Orleans), tanks..gal. .06¾- —

tankwagon, Boston, ex tax, gal. .13½- —

Bridgeport .....gal. .13½- —

Chicago, inc. 4c. tax..gal. .18 - —

Decatur, inc. 4c. tax..gal. .1910- —

Des Moines, inc. 4c. tax, gal. .1890- —

Evansville, inc. ex tax.gal. .15 - .16

Milwaukee, inc. 5c. tax.gal. .2030- —

Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —

Newark, ex tax.....gal. .10½- —

New York, ex tax....gal. .11 - —

Omaha, ex tax.....gal. .1490- .1500

Oklahoma City, ex tax.gal. .16½- —

Philadelphia, ex tax...gal. .12 - —

St. Louis, inc. 1c. tax.gal. .15½- —

Syracuse, 150 gals.....gal. .14½- —

smaller lots, galv. drums, gal. .10 - —

high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .21 - —

No. 2, over 90% arom., same basis..gal. .21 - —

3, same basis.....gal. .22 - —

8, tanks, f.o.b. Paulsboro, N. J..gal. .16½- —

30, same basis.....gal. .17½- —

40, same basis.....gal. .17¾- —

V.M.&P., at refinery:—

California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —

Richmond .....gal. .11½- —

Willbridge, Ore., Ft. Wells, Wash..gal. .12 - —

54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles..gal. .10 - —

San Francisco....gal. .10½- —

Portland, Seattle..gal. .11 - —

East Coast, N. Y., tanks, gal. .10 - —

N. J., tanks.....gal. .10½- —

Group 3, tanks.....gal. .07½- —

Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —

tankwagon, Boston, ex tax, gal. .14½- —

Chicago, inc. 4c. tax..gal. .17 - —

Des Moines, inc. 4c. tax, gal. .1890- —

Decatur, inc. 4c. tax..gal. .1910- —

Evansville, Inc., ex tax, gal. .1520- .1620

Milwaukee, inc. 5c. tax.gal. .2030- —

Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —

Newark, ex tax.....gal. .11½- —

New York, ex tax....gal. .10 - —

Omaha, ex tax.....gal. .1490-.1590

Philadelphia, ex tax...gal. .13 - —

St. Louis, inc. 1c. tax..gal. .1570- —

Solvent, rubber, at refinery, California (f.o.b. San Francisco). gal. .24 - —

East Coast, N. Y., tanks, gal. .10 - —

N. J., tanks.....gal. .10½- —

Group 3, tanks.....gal. .07⅞- —

Stoddard (CS 8-33), at refinery:—

California (f.o.b. San Francisco), tanks..gal. .11 - —

East Coast, N. Y., tanks, gal. .09 - —

N. J., tanks.....gal. .09½- —

Group 3, tanks.....gal. .06¾- —

Tankwagon, Boston, ex tax. gal. .14 - —

Chicago, inc. 4c. tax..gal. .1640- —

Decatur, inc. 4c. tax..gal. .1860- —

Des Moines, inc. 4c. tax. gal. .1840- —

Evansville, Ind., ex tax. gal. .14 - .15

Milwaukee, inc. 5c. tax.gal. .1980- —

Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —

Newark, ex tax.....gal. .09½- —

New Orleans, ex tax..gal. .11 - —

New York, ex tax....gal. .10 - —

Omaha .....gal. .1360-.1450

Philadelphia, ex tax...gal. .13 - —

St. Louis, inc. 1c. tax..gal. .1340- —

Tulsa, ex tax.....gal. .10½- .11½

Phenobarbital, 5-lb. bots.....lb. 4.35 - —

bots. or cns., 100 lbs., spot or contract..lb. 4.00 - —

25-lb. cns.....lb. 4.25 - —

Phenol, USP, dms., c.l., works, frt. equald..lb. .12½- —

l.c.l., same basis.....lb. .13¼- —

under 1,000 lbs.....lb. .14¼- —

tanks, works.....lb. .11½- —

Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —

bbls., dms., kegs, 100-250 lbs., lb. .87 - .89

Phenolphthalein, yellow, fib. dms., 2,000-lb. lots..lb. .80 - —

100-lb. fib. dms.....lb. .82 - —

25-lb. dms.....lb. .87 - —

50-lb. kgs.....lb. .84 - —

Phenyl chloride, dms.....lb. .17 - —

Phenylacetaldehyde, bots.....lb. 4.00 - 4.10

dimethylacetate, cns.....lb. 14.50 -15.00

Phenyl ethyl acetate, cns.....lb. 2.50 - 2.75

Phenylethylphenyl acetate, bots. lb. 8.00 -15.00

Phenylhydrazine, base, CP, bots. lb. 4.55 - —

hydrochloride, CP, bots., works. lb. 7.10 - —

commercial, kgs., works.....lb. 1.75 - —

Phlorogiucinol, CP, tins, wks..lb. 20.00 -22.00

tech., tins, works.....lb. 15.00 -16.50

Phosphate rock, Fla., high-grade, hard, 76% min..long ton. No prices

land-pebble, 68% min. long ton. 2.00 - —

70% min.....long ton. 2.30 - 2.40

72% min.....long ton. 2.75 - 3.00

Tenn., 72% min.....long ton. 4.50 - —

75% min.....long ton. 5.50 - —

Phosphate rock prices are for shipment in bulk, f.o.b. mines.

Phosphorus, red, cs.....lb. .40 - .44

yellow, dms.....lb. .18 - .20

cases .....lb. .23 - .25

Oxychloride, cyls.....lb. .15 - .18

Pentoxide, dms., c.l., works..lb. .11 - .12

l.c.l., dms., works.....lb. .13 - .14

Sesquisulphide, cs.....lb. .38 - .42

Trichloride, cyls.....lb. .15 - .16

Phthalamide, bbls., works, ton..lb. .35 - —

single, bbls., works.....lb. .40 - —

kgs., works.....lb. .45 - .50

Phthalic anhydride, bbls., c.l., works, frt. all. E. of Miss. R..lb. .14½- —

l.c.l., same basis.....lb. .15½- —

Pichi leaves, bgs.....lb. .08 - .09

Pilocarpine hydrochloride, bots., vls..oz. 3.25 - 3.75

Nitrate, bots., vls.....oz. 3.25 - 3.75

Pimento, Jamaica, bgs.....lb. .22 - .22½

Mexican (see Allspice, Mexican).

Pinkroot, bls.....lb. .41 - —

Pitch, burgundy (see B).

Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —

l.c.l. .....ton. 22.00 - —

Hardwood, 1-time dms., c.l., d/d.b. Akron..ton. 23.75 -24.00

Linseed, dms.....lb. .05 - .05½

Petroleum (see Asphaltum, Mexican, Texas).

Pitch, pine, bbls.....bbl. 6.75 - 7.00

Plaster of Paris (see Gypsum).

Pleurisy root, Southern, bls...lb. .12 - .13

Podophyllin, dms., dlvd. E. of Miss..lb. 5.25 - —

Poke root, bls.....lb. .09 - .10

Polyamyl naphthalene, l.c.l., dms., works..lb. .25 - —

Pomegranate bark, bgs.....lb. .49 - .50

Root bark, bgs.....lb. .60 - .65

Poppy flowers, red, bls.....lb. .70 - .75

Seed, Dutch, bgs.....lb. .42 - .44

Roumanian, bgs.....lb. .37 - .38

Turkish, bags.....lb. .32¾- .33¼

Potash abietate.....lb. .08 - —

Acetate, USP, bbls., 250 lbs..lb. .28 - —

cns., 25 lbs.....lb. .31 - .44

Arsenite, USP, solut., 100-lb. lots, cbys., demijs..lb. .13 - .15

Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .15 - —

gran., bbls., 250 lbs.....lb. .15 - —

Bichromate, spots, c.l., works, lb. .09¾- —

6 casks or 10 bbls., or over, works..lb. .09¾- —

5 casks or 9 bbls., or less, works..lb. .10 - —

Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —

kgs., 100 lbs.....lb. .28 - —

Carbonate, calc., dms., c.l., works..lb. .06½- —

l.c.l., same basis.....lb. .06¾- —

hydrated, 83-85%, bbls., c.l., works..lb. .05½- —

l.c.l., same basis.....lb. .05¾- —

liquid, dms., c.l., works, frt. alld..lb. .03 - —

l.c.l., dms., same basis..lb. .03½- —

tanks, same basis.....lb. .02¾- —

USP, gran., bbls., 325 lbs..lb. .14 - .16

powd., bbls., 325 lbs.....lb. .19 - —

kgs., 100 lbs.....lb. .21 - —

Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —

import, dms.....lb. No prices

liquid, 45% basis, dms.....lb. .03½- .03¾

tanks .....lb. .02¾- —

solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —

l.c.l. .....lb. .06½- .06¾

import, dms.....lb. No prices

Chlorate, cryst., kgs.....lb. .11 Nom.

pwd., kgs.....lb. .09¾- .10

Chloride, tech., 98%, cryst., bgs., kgs..lb. .08 Nom.

Chromate, kgs.....lb. .24 - .27

Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —

100-lb. dms.....lb. .34½- —

50-lb. dms.....lb. .35½- —

25-lb. dms.....lb. .37½- —

powd., 3c. per lb. higher.

Cyanide, dom., dms., works..lb. .55 - —

Cyanide, gold, 41% gold, works..oz. 14.20 -14.95

Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —

100-lb. lots.....lb. 1.10 - —

50-lb. lots, cbys. or cns.lb. 1.15 - —

25-lb. lots, cns.....lb. 1.25 - —

Guaiacosulphonate, fib. dms., 100-lb. lots..lb. 1.75 - —

25 lbs. to 50 lbs.....lb. 1.80 - 1.85

Hydroxide, USP, sticks, 100 lbs. to 1,000 lbs..lb. .32 - .54

Hypophosphite, cns., 100 lbs..lb. .72 - —

25 to 50 lbs.....lb. .75 - —

Iodate, bots., 5 lbs.....lb. 3.46 - —

cns., 25 lbs.....lb. 3.35 - —

Iodide, bots. or cns.....lb. 1.44 - 1.48

dms.....lb. 1.35 - 1.38

Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices

Manure salt, dom., run-of-mine grade, bulk, ex vessel, ports. unit-ton. .60 - —

f.o.b. Carlsbad, N.M. unit-ton. .20 - .21

import, 30%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices

Metabisulphite, kgs.....lb. .21 Nom.

Muriate, dom., min. 50% K_2O, bulk, ex vessel, ports., unit-ton. .56 - .58

min. 60% K_2O, same basis. unit-ton. .53½- —

import, min. 50% or 60% K_2O, bulk, ex vessel, Atlantic or Gulf ports..unit-ton. No prices

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above.

Oxalate, pure, cryst., kgs....lb. .40 - .42

tech., bbls., dms.....lb. .28 - .30

Nitrate, crude, bgs., c.l.f. ports. ton. No prices

Potash, perchlorate, kgs., wks.lb. .09½- .11

Permanganate, tech., dms., wks. lb. .19¾- .20¼

USP, dms., wks.....lb. .20½- .21

Prussiate, red, bbls.....lb. No prices

Yellow, spot, bbls.....lb. .17 - .19

Ricinoleate, tech., bbls.....lb. .13 - —

Silicate alkaline, lumps, bgs. lb. .07 - —

Sulphate, NF, powd., 350 lbs., bbls..lb. .15 Nom.

100-lb. kgs.....lb. .17 - —

Prices on granular 4c. higher.

tech., dom., bulk, basis 90%, K_2SO_4, ex vessel, ports. ton. 36.25 - —

imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports..ton. No prices

Xanthate, dms., c.l.....lb. .12 - —

Potash-magnesia, sulphate, dom., bulk, 40%, K_2SO_4, ex vessel, ports..ton. 26.00 - —

Potash-soda ferricyanide, dms., works..lb. .40 - .43

Potash titanium oxalate, 350-lb. bbls..lb. .40 - —

100-lb. dms.....lb. .40 - —

Prickly ash bark, bls.....lb. .12 - .13

Berries, bgs.....lb. .25 - .26

Prince's pine herb, bls.....lb. .22 - .23

Procaine, hydrochloride, 25-lb. cns., lb. 8.00 - —

5-lb. cans.....lb. 8.25 - 8.50

1-lb. bots.....lb. 8.75 - —

Propane, tanks, Group 3.....gal. .03¾- .04

Psyllium seed (see Fleaseed).

Pulsatilla, bls.....lb. .85 - .90

Pumice, dom., grd., fine, 4F, 2F, F, O, bgs., 5 tons and up..lb. .03½- —

1-4 tons.....lb. .03¾- —

500-2000 lbs.....lb. .03¾- —

under 500 lbs.....lb. .04 - —

coarse, O½, ½, 1, 1½, 2, 3, bgs., 5 tons and up, lb. .03½- —

1-4 tons.....lb. .03¾- —

500-2000 lbs.....lb. .03¾- —

under 500 lbs.....lb. .04½- —

Imp., Italian.....lb. No prices

Pumice stone packed in barrels is ½c. per lb. higher than the above prices.

Pumpkin seed, bgs.....lb. .10 - .11

Purple lake (see Red).

Putty, com'l, dms.....100 lbs. 3.15 - —

linseed oil, raw, dms....100 lbs. 5.00 - —

refined, dms.....100 lbs. 5.50 - —

standard, dms.....100 lbs. 4.20 - —

Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms. dlvd..gal. 4.40 - 4.60

(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd..gal. 6.60 - —

Pyrethrum flowers, coarse.. grnd. (g.f.p), 9% pyrethrins, frt. alld., bbls..lb. .21 - .22

fine powd., 9% pyrethrins, frt. alld., bbls..lb. .22 - .23

Pyridin, denaturing, dms...gal. 1.71 - —

refd., 2°, dms.....lb. .48 - —

Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. No prices

Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40

resublimed, fib. dms., tins..lb. 4.60 - —

Pyrophylite, standard, 200 mesh, c.l., mines..ton. 9.00 - —

325 mesh, same basis.....ton. 12.00 - —

No. 3, 200 mesh, c.l., mines.ton. 7.50 - —

325 mesh, same basis.....ton. 12.00 - —

Pyroxylin scrap amber, cs., works..lb. .12 - —

black, cs., works.....lb. .10 - —

china white, ivory, cs., works, lb. .13 - —

dense, white, cs., works....lb. .10 - —

gray, cs., works.....lb. .08 - —

mixed, mottles, opaques, cs., works..lb. .04 - —

translucent pastels, cs., works, lb. .10 - —

transparent, cs., works....lb. .20 - —

colors, cs., works.....lb. .12 - —

shavings, amber, cs., works, lb. .16 - —

colors, mixed, cs., works...lb. .10 - —

white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06

Quebracho extract, liquid, 35% tan, bbls., works..lb. .05½- —

tanks, works.....lb. .05 - —

solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04⅞- —

clarified, 64½, bgs., c.l., same basis..lb. .05 - —

pwd., bgs., c.l.....lb. .10 - —

l.c.l., bgs. or bbls...lb. .10½- —

Queen of the meadow leaves, bgs..lb. .07½- .08

Root, bgs.....lb. .10 - .11

Quercitron, crystals, bgs.....lb. .24 - —

extract, bgs, No. 1.....lb. .09 - —

No. 2.....lb. .08½- —

No. 3.....lb. .08 - —

solid, bxs.....lb. .17 - —

Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flask 190.00 -192.00

European, flasks (76 lbs. net), c.l.f., N. Y., incl. war risk insurance..flask.250.00 Nom.

ex store.....flask.252.00 Nom.

Quince seed, bgs.....lb. 1.10 - 1.15

Quinidine, N.F.V., cryst., cns.oz. 1.06 - —

powd., precip., cns.....oz. 1.01 - —

Sulphate, cns.....oz. .71 - —

Subject to surcharge of 8½c. per oz; see note under Quinine.

Quinine, 100 ozs., cns.....oz. .84 - —

Acetate, cans.....oz. 1.05 - —

Arsenate, cns.....oz. 1.06 - —

Arsenite, cns.....oz. 1.07 - —

Bisulphate, cns.....oz. .90 - —

Citrate, cns.....oz. .78 - —

Dihydrobromine, bots.....oz. .82 - —

Dihydrochloride, bots.....oz. .82 - —

Ethylcarbonate, cns.....oz. .85 - —

Ferrocyanide, cns.....oz. 1.07 - —

Formate, cns.....oz. 1.00 - —

Hydrochlorosulphate, cns....oz. .81 - —

Glycerophosphate, cns.....oz. 1.20 - —

Hydrochloride, cns.....oz. .76 - —

Hydrolodide, cns.....oz. 1.05 - —

Hypophosphite, cns.....oz. 1.07 - —

Phosphate, cns.....oz. .90 - —

Salicylate, cns.....oz. .79 - —

Sulphate, USP, XI, cns....oz. .67 - —

Sulphocarbolate, cns.....oz. 1.05 - —

Tannate, cns.....oz. .63 - —

Valerate, cns.....oz. .99 - —

Tartrate, cns.....oz. 1.03 - —

Quinine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride, cns.oz. .81 - —

Subject to surcharge of 8½c. per oz; see note under Quinine.

R

R salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Argentine, bgs.....lb. .08¼- 08½
Dutch, bgs.....lb. No stocks
Indian, medium, recleaned, bgs., lb. .07½- .08
Japanese bgs.....lb. No stocks
Raspberries, dried, bls.....lb. .55 - .60
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots.....lb. .95 - —
kgs., ton lots.....lb. .95 - —
smaller lots.....lb. 1.00 - —
light shade, bbls., ton lots, lb. .75 - —
smaller lots.....lb. .80 - —
kgs., ton lots.....lb. .80 - —
smaller lots.....lb. .85 - —
light-medium shade, bbls., ton lots..lb. .80 - —
smaller lots.....lb. .85 - —
kgs, ton lots.....lb. .85 - —
smaller lots.....lb. .90 - —
maroon shades, bbls., ton lots, lb. 1.00 - —
smaller lots.....lb. 1.05 - —
kgs., ton lots.....lb. 1.05 - —
smaller lots.....lb. 1.10 - —
medium shade, bbls., ton lots, lb. .85 - —
smaller lots.....lb. .90 - —
kgs., ton lots.....lb. .90 - —
smaller lots.....lb. .95 - —

Cadmium, lithopone quotations are prices at the works, with frt. alld.

Selenide, bbls., light, works.lb. 2.35 - —
maroon, works.....lb 2.90 - —
Carmine, 40, dms., 100 lbs...lb. 4.00 - —
50 lbs.....lb. 4.75 - —
cns., 5 lbs.....lb. 5.25 - —
1 lb.....lb. 5.35 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.25 - —
Fire toner, bbls.....lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis...lb. .07¾- —
Iron oxide (see Red oxide).
Lacquer maroon, bbls., same basis..lb. 1.25 - —
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb. .90 - —
open order.....lb. .90 - —
Litho toner, bbls., same basis, alizarin, lake, contracts..lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts..lb. 1.10 - —
Maroon lake, 25%, kgs., same basis, alizarin lake, contracts..lb. .40 - —
Mercury oxide, tech., bbls., 10,000 lbs..lb. 3.09 - —
smaller lots.....lb. 3.11 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .09 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08¼- —
Para, toner, concent., kgs, same basis, alizarin lake, contracts..lb. .70 - —
open order.....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l..lb. No prices
Phloxin toner (see Red, Eosin-toner)
Phosphotungstic rhodamine, Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03¼- —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, Grade 1, c.l., bbls., f.o.b. N.Y..lb. .04⅝- —
l.c.l. .....lb. .04⅞- —
Grade 2, c.l., bbls., f.o.b. N.Y..lb. .04⅛- —
l.c.l. .....lb. .04⅜- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N.Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermillion, Amer., bbls., same basis alizarin lake..lb. Nom.
quicksilver, bbls.....lb. 3.20 - 3.27
Red dyes are listed under Dyes.
Red, precipitate, N. F., powd., flb. dms., 50 lbs. or more. lb. 3.26 - —
Red saunders wood, ground, bbls. lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .10 - .11
Rhubarb, cs.....lb. .38 - .40
powd., bbls., kgs.....lb. .43 - .45
Riboflavin .....gram. 1.50 - 2.00
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .39½- —
smaller lots.....lb. .40 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - —
Rose flowers, pale, bls.....lb. .42 - .43
red, bls.....lb. 5.00 Nom.
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .26 - .27
Rosin, gum, B, bbls., ex dock.. 100 lbs. 2.92 - —
D, bbls.....100 lbs. 2.96 - —
E, bbls.....100 lbs. 2.96 - —
F, bbls.....100 lbs. 2.96 - —
G, bbls.....100 lbs. 2.96 - —
H, bbls.....100 lbs. 2.97 - —
I, bbls.....100 lbs. 2.98 - —
K, bbls.....100 lbs. 3.00 - —
M, bbls.....100 lbs. 3.03 - —
N, bbls.....100 lbs. 3.03 - —
W. G., bbls.....100 lbs. 3.10 - —
W. W., bbls.....100 lbs. 3.46 - —
X, bbls.....100 lbs. 3.46 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines....ton.37.50 - —
import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

S

Sabadilla seed, powd., bbls....lb. .22 - .28
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .40 - .45
Spanish, tins.....lb.38.00 -39.00
Safrol, cns.....lb. 1.22 - 1.23
dms. .....lb. 1.25 - 1.26
Sage, Dalmation, garden, bls..lb. 1.50 - 1.60
stemless, bls.....lb. No stocks
ground, bls.....lb. 1.75 Nom.
Greek, bls.....lb. .87 - .90
Spanish, bls..... .lb. No stocks
Sago flour, bgs.....lb. .05 - .05½
Salicin, bots., 5 lbs.....lb. 7.00 - —
cns., 25 lbs.....lb. 6.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., flb. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd. N. Y...ton.14.20 - —
l.c.l., bgs., dlvd. N. Y...ton.16.00 -16.60
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.15.70 - —
l.c.l., dlvd. N. Y.....ton.18.20 -21.30
Saltcake, dom., bulk, works.ton.13.00 Nom.
import, bulk, c.i.f.....ton.16.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 9.10 -10.10
1-9 tons.....100 lbs. 9.25 -10.25
less than ton lots..100 lbs. 9.50 -10.50
gran., bbls., 10-20 tons..... 100 lbs. 8.10 - —
1-9 tons.....100 lbs. 8.25 - —
less than ton lots..100 lbs. 8.50 - —
powd., bbls., 10-20 tons..... 100 lbs. 9.10 - —
1-9 tons.....100 lbs. 9.25 - —
less than ton lots..100 lbs. 9.50 - —
Santonin, cryst., cns.....kilo.170.00 -182.00
Saponin, crude, cns.....lb. 2.25 - 2.50
Purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls., lb. .32 - .33
Mexican, bls.....lb. .20 - .22
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bls.....lb. 1.50 - 1.60
Saw palmetto berries, bgs.....lb. .08 - .09

R Salt—Shellac

Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31¼- —
smaller lots.....lb. .31¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .90 - .95
Senna leaves, Alexandria, half leaf, bls..lb. .18 - .20
siftings, bgs.....lb. .17 - .19
Senna, Tinnevelly, No. 1, bls., lb. .13 - .14
2 bls.....lb. .11 - .13
3 bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .13 - .14
Pods., bls.....lb. .10 - .11
Serpentaria root, bls.....lb. .60 - .65
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .34 - —
dlvd., Boston.....lb. .35 - —
Chicago .....lb. .35½- —
Pacific Coast.....lb. .37½- —
rfd., bbls., f.o.b. N. Y.....lb. .41 - —
dlvd., Boston.....lb. .41½- —
Chicago .....lb. .41¾- —
Pacific Coast.....lb. .45 - —
Garnet, bgs.....lb. .30 - .31
D.C., V.S.O., or Diamond I, cs., cs..lb. .38 - .39
Superfine, bgs., f.o.b. Boston, N. Y..lb. .29 - .30
dlvd., Chicago.....lb. .29½- .30½
Pacific Coast.....lb. .32 - .33

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A rock shot out of this Skelly Oil Well struck the steel crown block. The spark set off this explosion—caught by the camera before the fire reached the main column. Considered by many to be the most unusual photo of an oil well fire in existence. A split second later and the camera would have been too late.
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SKELLY BLDG., KANSAS CITY, MO.

Shellac—Soda Sulphate

Shellac, T. N., bgs, f.o.b. Boston, N. Y..lb. .28½- .29
dlvd., Chicago.....lb. .29 - .30
Pacific Coast.....lb. .32 - .33
varnish, Metro area, orange, 5-lb. cut, bbls..gal. 1.45 - 1.50
4½-lb. cut, bbls.....gal. 1.40 - 1.45
4-lb. cut, bbls.....gal. 1.35 - 1.40
white, 5-lb. cut, bbls.....gal. 1.55 - 1.60
4½-lb. cut, bbls.....gal. 1.50 - 1.55
4-lb. cut, bbls.....gal. 1.45 - 1.50
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.

Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works.ton.25.00 - —
400 mesh, bgs.. c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works.ton.35.00 - —
smaller lots, works.ton.38.00 - —
wet-grd., 95-98% 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
med. grd., 99%, 325 mesh, l.c.l., 2½ tons, works.ton.23.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works..ton.15.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh. bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —

Silver, bullion.....oz. .34¾-
Govt. purchase, dom., metal, oz. .7111-
Govt. purchase, foreign metal, oz. .35 -

Cyanide, cns., 2,500 ozs.....oz. .33 -
1,000 ozs.....oz. .33½-
500 ozs.....oz. .33½-
50 to 100 ozs.....oz. .33¾-
Nitrate, 100-oz. bots.....oz. .24 -
Nucleinate, bots., dms.....oz. .29 - .34
Protelnate, bots., dms.....oz. .28 - .33
Simarubra barks, bls.....lb. .35 - .40
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .56 - .58
Smalt, black, extra velvet, ctns, lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .10 - .11
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .17 - .18
powd., bbls.....lb. .16 - .17
Soda, acetate, anhyd., dms., dlvd., lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04½- .05
l.c.l., dlvd.....lb. .05 - .06
USP, bbls., dlvd.....lb. .06 - .07
90%, dms., c.l., dlvd.....lb. .06½- .07
l.c.l., dlvd.....lb. .07¼- .07½
Alginate, dms., bbls., works..lb. .39 - .70
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate, dms., dealers, c.l., works..lb. .07½- —
l.c.l., dms., works.....lb. .08¾- .09½
dry, gray, dms., c.l., dealers, works..lb. .06¼- —
l.c.l., dms., works.....lb. .07 - .07½
white, dms., c.l., dealers, works..lb. .07¼- —
l.c.l., dms., works.....lb. .08 - .08½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Soda ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.18 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.48 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works...100 lbs. 1.55 - —
l.c.l., Zone 1.....100 lbs. 2.55 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 93° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 93° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .45 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....lb. 2.60 - —
powd., bbls., c.l., works... 100 lbs. 1.85 - —
l.c.l., dlvd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., wks..lb. .07¾- —
c.l., 5 cks. or 10 bbls. or over, works..lb. .07½- —
5 cks. or 9 bbls. or less, works..lb. .07¾- —
Bifluoride, bbls., c.l.....lb. .11 -
10 bbl. lots.....lb. .11½- .13
1-9 bbls.....lb. .12 -
kegs.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l. works .....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l. bbls works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —

Soda, bisulphite, solut., 35 deg., bbls., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works..100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber dms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. No prices
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1.....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76%, ammon., process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1.....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works..lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .09¼- —
Citrate, USP VIII, 225-lb. bbls., lb. .18½- —
cns., dms., 50-lb. lots....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
dms., kgs., 100-lb. lots...lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 -
boxes, 50-lb. lots.....lb. .26 -
cns., 25-lb. lots.....lb. .28 - .30
kgs., 100-lb. lots.....lb. .25 -
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .23½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
Imports, 90%, cs. .....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .10 - —
anhy., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08½- —
1-9, same basis.....lb. .09 - —
95%, bbls., c.l., same basis.lb. .08¼- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-
Soda, hyposulphite, cryst., large, bgs., works, frt. equal'd, 100 lbs. 2.25 - —
bbls. same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd...100 lbs. 2.70 - —
bbls., same basis...100 lbs. 2.70 - —

Soda, hyposulphite, pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works...100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works...100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., works.... 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works...100 lbs. 3.70 - 3.90
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots.....lb. 2.53 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .41 Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 3.75 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis... 100 lbs. 4.80 - —
1-2 dms., same basis... 100 lbs. 5.05 - —
gran., bbls., c.l., works...lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N.Y.....lb. 3.35 - —
Molybdate, anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.80 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., c.l., 100-lb. bgs., dlvd., f.o.b. cars, producing points or ports, rail or boat shipment .....ton.29.40 - —
200-lb. bgs., same basis, ton.28.70 - —
bulk, same basis.....ton.27.00 - —
imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses, rail or boat shipment....ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis....ton.30.00 - —
refd., gran., bbls., 100 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized...lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l. prices range represents delivery at various points.

Orthosilicate, anhy., dms., c.l., works, frt. equal'd.. ton. 4.50 - —
15 dms., and over, same basis..lb. 5.45 - —
3-14 dms., same basis..lb. 5.60 - —
1- 2 dms., same basis..lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .42 - —
kgs. .....lb. .44 - —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorphenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.40 - —
l.c.l., works.....100 lbs. 6.35 - —
bbls., c.l., works...100 lbs. 5.55 - —
l.c.l., works.....100 lbs. 6.55 - —
cryst., tech., bgs., c.l., wks., 100 lbs. 2.20 - 2.70
l.c.l., works.....100 lbs. 2.60 - 3.45
bbls., c.l., works...100 lbs. 2.40 - 2.90
l.c.l., works.....100 lbs. 2.80 - 3.65
monobasic, anhyd., bgs., c.l., works...100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.35 - 2.85
l.c.l., works.....100 lbs. 2.75 - 3.60
bbls., c.l., works...100 lbs. 2.55 - 3.05
l.c.l., works.....100 lbs. 2.95 - 3.80
kegs, c.l., works...100 lbs. 3.05 - 3.55
l.c.l., works.....100 lbs. 3.45 - 4.30
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works.lb. .11½- .16
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts .....lb. .09½- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt., equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized, 100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y..100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.20 - —
works .....100 lbs. 1.10 - 1.30
Salicylate, bxs.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, dms., c.l., works, 100 lbs. 2.90 - —
10 dms. or over, dlvd. N.Y.C., 100 lbs. 4.06 - —
1-9 dms.....100 lbs. 4.25 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works...100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .12 - .15
Stannate, dms.....lb. .33½- .36½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).

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Chemical Industries, April, 1941

Soda, sulphate, N.V. VI, ex-siccated, pwd., bbls....lb. .07 - .07½
U.S.P. cryst., gran., bbls..lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.60
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .39
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works...lb. .08 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
high-flash, dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14½- —
ton lots, contracts, works, lb. .15½- —
smaller lots, works.....lb. .15½- —
Soybean meal, 41%, bgs.....ton.38.70 - —
protein, bgs., c.l., works....lb. .11½- —
l.c.l., works.....lb. .11½- .15
Sparteine sulphate, cns.....oz. 3.65 - 3.95
Spearmint leaves, bls.....lb. .28 - .29
Spikenard root, bls.....lb. .16 - .17
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01¼- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .02 - —
tanks, works.....lb. .01½- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. 1.25 - 1.30
White, bls.....lb. .21 - .23
powd., bbls., bxs.....lb. .35 - .40
St. Ignatius beans, bgs.....lb. .45 - .46
St. John's Bread, edible, bls., lb. .15 - .20
inedible, bls.....lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 3.10 - —
dlvd., N. Y.....100 lbs. 3.45 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.20 - —
dlvd., N. Y.....100 lbs. 3.55 - —
Potato, dom., bgs., c.l.....lb. .0585- —
l.c.l. .....lb. .0710- —
import, bgs.....lb. No prices
Rice, bgs.....lb. .09 - .10
Starch, sweetpotato, bgs.....lb. .06¼ Nom.
bbls. .....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .55 - —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. .35 - .40
Stearin, oleo.....lb. .09½- .10
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .09
Storax, cs.....lb. 1.80 - 1.85
Stramonium leaves, bls.....lb. .40 - .45
Strontium bromide, cns.....lb. .52 - .55
Carbonate, NF, IV, 250-lb. bbls..lb. No prices
tech., 99-100%, precip., bbls., lb. .25 Nom.
Chloride, tech., bbls.....lb. .20 - .22
Iodide, bots., 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .03¾- —
1-24 bbls. and over.....lb. .06¾- —
Strophanthus seed, Kombe, bgs.lb. 3.75 - 4.00
Strolyl acetate, bots.....lb. 3.10 - 3.30
Strychnine, cryst., cns..100-oz. lots..oz. .60 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .78 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots.oz. .40 - —
Sucrose Octa-acetate, C.P. grade,, bbls., l.c.l., works..lb. .55 - —
denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works.....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .18 - —
l.c.l., 10 or over.....lb. .19 - —
less than 10.....lb. .20 - —
Sulfaguanidine, 3.5-gm. bot..doz. 3.50 - —
4-oz. bots.....ea. 8.10 - —
1-lb. bots.....ea.30.00 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.70 - —
5lb. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots..ea. .50 - —
Sulfathiazole, 5-gm., bot.....ea. .42 - —
Sesquicarbonate, 5-gm. bot....ea. .42 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
Sulphur, flowers, USP, bgs., c.l., mine..100 lbs. 2.90 - —
l.c.l., mine.....100 lbs. 3.35 - —
bbls., c.l., mine....100 lbs. 3.15 - —
l.c.l., mine.....100 lbs. 3.70 - —
Flour, comm'l, bgs., c.l., mine, 100 lbs. 1.40 - —
l.c.l., mine.....100 lbs. 1.95 - —
Sulphur, refined, cast, bgs., c.l., mine..100 lbs. 1.95 - —
l.c.l., mine.....100 lbs. 2.50 - —
heavy, USP, bgs., c.l., mine, 100 lbs. 2.35 - —
l.c.l., mine.....100 lbs. 2.90 - —
bbls., c.l., mine.....100 lbs. 2.70 - —
l.c.l., mine.....100 lbs. 3.25 - —
light, USP, bgs., c.l., mine, 100 lbs. 2.45 - —
l.c.l., mine.....100 lbs. 3.00 - —
USP, bbls., c.l., mine..100 lbs. 2.80 - —
l.c.l., mine.....100 lbs. 3.35 - —
lump, bgs., c.l., mines..100 lbs. 1.95 - —
l.c.l., mine.....100 lbs. 2.50 - —
bbls., c.l., mine.....100 lbs. 2.10 - —
l.c.l., mine.....100 lbs. 2.65 - —
roll, bgs., c.l., mine...100 lbs. 2.15 - —
l.c.l., mine.....100 lbs. 2.70 - —
bbls., c.l., mine.....100 lbs. 2.30 - —
l.c.l., mine.....100 lbs. 2.85 - —
Rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld..100 lbs. 2.00 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.85 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit, cars, works.lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls, works..lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s...ton, No prices
leaf, f.a.s.....ton. No prices
extract, bbls, No. 1.....lb. .08 - —
No. 2.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .10 - .13
Sunflower seed, Calif., large, bgs., lb. .06¾- .07¼
medium, bgs.....lb. .06 - .06½
poultry, Argentine.....lb. .04½- .05
Superphosphate, run-of-pile, bulk, f.o.b. cars, boat, Baito..ton. 9.50 - —
guaranteed 16%, bulk, same basis..ton.10.00 - —
20%, bulk, same basis....ton.12.00 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 98-94%, 325 mesh, bgs., c.l., mills..ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
96-98%, 325 mesh, c.l., mills, ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Aluminum, flake, type grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills..ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —

Talc, imp., Canad., bgs., c.l., mills..ton. No prices
French, high-grade, bgs., l.c.l., ex whse..ton. No prices
ordinary, bgs., c.l., ex dock, arrival..ton. No prices
l.c.l., ex whse.....ton. No prices
Italian, 1, bgs., ex dock, arrival..ton. No prices
ex whse.....ton. No prices
2, bgs., ex dock, arrival..ton. No prices
Tallow, extra, loose.....lb. .06 - —
special, loose.....lb. .07¼- —
sulphonated, 85% (24% fat), dms., c.l..lb. .05 - —
l.c.l. .....lb. .06 - —
50% (43% fat), dms., c.l..lb. .06¼- —
l.c.l. .....lb. .07¼- —
50% (43% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
Tamarind, No. 1, bbls.....lb. .06 - .07
kegs .....keg. 6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y..unit-ton. 3.75 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 3.25 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y..unit-ton. 4.50 & .10
high-grade, bulk, Chicago, unit-ton. 4.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, January shipments, unit-ton. 4.25 & .10
Tansy leaves, bls.....lb. .22 - .23
Tapioca flour, bgs.....lb. .05¼- .06½
Tar acid oil, 15%, dms., c.s., works..gal. .22 - .24
l.c.l., same basis.....gal. .24 - .26
25%, dms., c.l., works.....gal. .25 - .27½
l.c.l., same basis.....gal. .27 - .29½
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .27 - —
ports .....gal. .26 - —
l.c.l. .....gal. .27 - —
tanks, dlvd. E. cities.....gal. .21 - —
Tarragon herb, bgs.....lb. 1.20 Nom.
Tartar emetic, tech., fine gran. or powd., bbls., 5 or more, lb. .44¾- —
less than 5.....lb. .45 - —
USP, powd, bbls.....lb. .50 - —
Terpinyl acetate, cns.....lb. .80 - .85
Terpin hydrate, bbls., dms.....lb. .60 - .65
Terpineol, CP, cns.....lb. .30 - —
dms. .....lb. .27 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08¼
Tetrachloroethylene, CP, dms..lb. .21¼- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, 5-lb. cns.....lb. 3.00 Nom.
Sodiosalicylate, dms.....lb. 2.05 - —
Thiamine hydrochloride, bots., cns. gram. .65 - .90
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .65 - .67
Spanish, bls.....lb. .20 - .21

★ SPOT DELIVERIES ★

NICKEL SULPHATE • COPPER CARBONATE

WHITE HEAVY CALCINED MAGNESIA • ZINC SULPHATE

NICKEL CHLORIDE • WHITE CALCINED MAGNESITE

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Thymol—Zinc Sulphide

Thymol, dms., 100 lbs.....lb. 1.80 - —
cns., 20 lbs.....lb. 1.85 - —
Iodide, tgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Timbo root (see Cube root).
Tin chloride (ous), anhyd.....lb. .48½- .49
Crystals, bbls., bgs.....lb. .39½- .40
Metal, Straits.....lb. .52½- —
Oxide, bbls.....lb. No prices
Tetrachloride, anhyd., bbls..lb. .31 - —
Titanium, dioxide, bgs., c.l., (20 tons)..lb. .14½- —
l.c.l., 5 tons, single delivery, lb. .14¾- —
1,000-9,999 lbs.....lb. .15 - —
50-999 lbs.....lb. .15¼- —
bbls., c.l. (20 tons).....lb. .14¾- —
l.c.l., 5 tons, single delivery, lb. .15 - —
1,000-9,999 lbs.....lb. .15¼- —
50-999 lbs.....lb. .15½- —
non-chalking, bgs., c.l. (20 tons), lb. .16½- —
l.c.l., 5 tons, single delivery, lb. .16¾- —
1,000-9,999 lbs.....lb. .17 - —
50-999 lbs.....lb. .17¼- —
chalk-resistant, bgs., c.l., (20 tons)..lb. .15 - —
l.c.l., 5 tons, single delivery, lb. .15¼- —
1,000-9,999 lbs.....lb. .15½- —
50-999 lbs.....lb. .15¾- —
bbls., c.l. (20 tons).....lb. .15¼- —
l.c.l., 5 tons, single delivery, lb. .15¾- —
1,000-9,999 lbs.....lb. .15¾- —
50-999 lbs.....lb. .16 - —
barium or magnesium base, bgs., c.l. (20 tons)..lb. .05¾- —
l.c.l. .....lb. .06 - —
bbls., c.l. (20 tons).....lb. .06 - —
l.c.l. .....lb. .06¼- —
calcium base, bgs., c.l. (20 tons), lb. .05¼- —
l.c.l. .....lb. .05¾- —
bbls., c.l. (20 tons).....lb. .05¾- —
l.c.l. .....lb. .06 - —
calcium-rutile base, bgs., c.l. (20 tons)..lb. .05½- —
l.c.l. .....lb. .05¾- —
bbls., c.l. (20 tons).....lb. .05½- —
l.c.l. .....lb. .06 - —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses.

Toluidin base, distilled, kgs....lb. .98 - —
Tolu, balsam, cns.....lb. .85 - .95
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
1° nitration, dms., returnable, gal. .33½- —
tanks, E. of Omaha, frt. alld., gal. .28¼- —
W. Coast, f.o.b. Minnequa, Colo..gal. .28¼- —
Tonga vine, F, bls.....lb. .65 - .76
root, bls.....lb. .65 - .76
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .70 - .85
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, l.c.l., works....lb. .90 - —
Tributylamine, l.c.l., dms., works, lb. .70 - —
Tributyl citrate, ton lots, 475-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Trichlorobenzene, dms., c.l., frt alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld., lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., divd..lb. .40¼- .51½
dms., c.l., divd.....lb. .37½- —
Tricresylphosphate, tech., dms.lb. .25 - —
500 lbs., dms.....lb. .25½- —
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98% dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .08¾- .09¼
Madras, bgs.....lb. .07½- 08
Turpentine, spirits, gums, bbls., c.l., ex dock..gal. .61¼- —
l.c.l., 10 ex dock.....gal. .63¼- —
5 ex dock.....gal. .65¼- —
wood, dest., dist., dms., dlvd. E ports..gal. .33 - .35
tanks, dlvd. E. cities....gal. .28 - —
steam-dist., dms., c.l., dlvd.gal. .57 - —
l.c.l., dlvd.....gal. .54 - —
tanks, dlvd.....gal. .49 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs.....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 49% N., bgs., 20 tons, f.o.b. Belle, W. Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville....ton.80.00 - —
l.c.l., f.o.b. Belle, W. Va., ton.82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore..ton.85.00 - —
less than 5 tons, f.o.b. New York, Phila..ton.90.00 - —
import, 49% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —
Urea fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports .....ton.57.40 - —
Urea - ammonia liquor, basis, 45% N., tanks, f.o.b. Belle, W. V., or Atl., Gulf ports, ton.121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports. ton.127.00 - —
Uva ursi leaves, bls.....lb. .18 - .20

V

Valerian root, Belgian, bls....lb. .95 - 1.00
Eastern, bls.....lb. .37 - .40
Valonia, beards, bgs., f.a.s...ton. No prices
cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.16 - —
Vanilla beans, Bourbon, tins..lb.11.00 Nom.
Mexican, tins.....lb.10.50 Nom.
cuts, tins.....lb. 9.50 Nom.
South American, tins.....lb.10.50 Nom.
Tahiti, tins.....lb. 5.25 - 5.50
Oleoresin, bots.....lb.20.00 -20.25
Vanillin, ex eugenol, 25-lb. tins, lb. 2.25 - —
5-lb. tins.....lb. 2.30 - —
1-lb. tins.....lb. 2.40 - —
ex guaiacol, 25-lb. tins.....lb. 2.15 - —
5-lb. tins.....lb. 2.20 - —
1-lb. tins.....lb. 2.30 - —
ex lignin, 25-lb. tins, 1 to 500 lbs..lb. 2.25 - —
1 to 50 lbs.....lb. 2.50 - —
5 lb. tins, 1 to 500 lbs.....lb. 2.30 - —
1 to 50 lbs.....lb. 2.55 - —
contracts, 5,000 lbs., or more, individual shipments of 1,000 lbs. or more, 25-lb. tins..lb. 2.15 - —
5-lb. tins.....lb. 2.20 - —
Venice turpentine, true, cs....lb. 1.75 - 2.00
Verdigris, bbls., kgs.....lb. .22 - .28
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .40 - 41
tree .....lb. .19 - 22
Wattle bark, bgs., f.a.s.....ton.41.00 -43.00
Extract, solid, bgs.....lb. .0460-.04475
liquid, tanks.....lb. .05 - —
bbls.....lb. .05¾- —
Wax, amorphous, group 3, at refineries: 160-165, amber, lb. .15½- —
160-165, black.....lb. .14 - —
160-165, white.....lb. .26 - —
180-185, amber.....lb. .17½- —
180-185, black.....lb. .16 - —
180-185, white.....lb. .30 - —
Bayberry, bgs.....lb. .18 - .20
Bees, white, bleach, slabs, cs., lb. .47 - .50
cake, cs.....lb. .48 - .51
discs, cs.....lb. .49 - .52
yellow, crude, Africa, 10-bg. lots..lb. No stocks
1 bg.....lb. No stocks
Brazil, bgs.....lb. No stocks
refd., slabs, cs., lbs.....lb. .42 - .43
Candelilla, bgs., 1 ton.....lb. .26 - .27
jobbing lots.....lb. .27 - .28
Carnauba, No. 3, chalky, bgs., 1 ton...lb. .77 - .78
5 bgs.....lb. .77½- .78½
1 bg.....lb. .78 - .79
N. C., 3, bgs., 1 ton.....lb. .79 - .80
5 bgs.....lb. .79½- .80½
1 bg.....lb. .80 - .81
refined, bgs.....lb. .86 - .86½
yellow, No. 1, bgs., ton....lb. .86 - .87
5 bgs.....lb. .86½- .87½
1 bg.....lb. .87 - .88
No. 2, bgs.....lb. .85 - .86
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .12½- .13
jobbing lots.....lb. .13½- .14
150°-160° m.p., bgs., 1 ton..lb. .14½- .15
jobbing lots.....lb. .15½- .16
160° m.p., bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16½- .17
Japan, cs.....lb. .19½- .20
Montan, bgs., c.l.....lb No prices
5 tons.....lb No prices
less than 1 ton.....lb No prices
Ouricury, refined, bgs.....lb. .58 - .59
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb No prices
74°-76° C., bgs.....lb No prices
snow-white, pure, 76°-78° C., bgs..lb No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .24 - .25
cakes, cs.....lb. .25 - .26
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .07 - 08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.84 - —
Whiting, chalk, com'l, dry-grd., bip. bgs., c.l., works..ton.16.00 -20.00
l.c.l., works.....ton.18.00 -22.00
bbls., c.l., works.....ton.19.00 -24.00
l.c.l., works.....ton.21.00 -26.00
pap. bgs., c.l., works..ton.15.00 -18.00
l.c.l., works.....ton.17.00 -20.00
wet-grnd., bip. bgs., c.l., works..ton.18.50 -22.50
l.c.l., works.....ton.19.00 -23.00
bbls., c.l., works.....ton.21.00 -25.00
gilders, bolted, bip. bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 - —
bbls., c.l., works.....ton.20.00 -21.00
l.c.l., works.....ton.21.00 -22.00
pap. bgs., c.l., works..ton.17.00 -18.50
l.c.l., works.....ton.18.00 -19.00
extra bolted, bip. bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.21.00 - —
bbls., c.l., works.....ton.22.00 -23.00
l.c.l., works.....ton.23.00 -24.00
pap. bgs., c.l., works..ton.19.00 -20.50
l.c.l., works.....ton.20.00 -21.00
Paris white, bip. bgs., c.l., works, ton.19.00 - —
l.c.l., works.....ton.20.00 - —
bbls., c.l., works.....ton.22.50 -27.50
l.c.l., works.....ton.22.00 -28.00
pap. bgs., c.l., works..ton.19.60 -25.10
l.c.l., works.....ton.20.00 -26.50
Limestone, air-floated, 99.75%, 250 mesh, paper bgs., c.l., ton.10.10 - —
200 mesh, paper bgs., c.l., same basis..ton. 9.35 - —
90%, 200 mesh., paper bgs., c.l., same basis..ton. 7.00 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., c.l., works, ton.12.50 - —
l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works...ton.20.00 - —
smaller lots, works..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bls.....lb. .13 - .14
Witch-hazel extract, dist., NF, tax extra, bbls..gal. .44 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y..ton.24.00 -25.00
80 mesh, same basis.....ton.26.00 -28.00
100 mesh, same basis.....ton.30.00 -32.00
import, 70 mesh, bgs., ex dock..ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. No prices
Wormwood, bls.....lb. .60 - .65

X

Xylol (xylene), indus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works, gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
5°, dms., returnable, works, gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .39 - —
8°, dms., returnable, works.gal. .48 - —
tanks, E. of Omaha, frt. alld., gal. .46 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.45 - 1.50
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .52 - .55
bottles, same basis.....lb. .60 - .64
imp., bbls., same basis.....lb. .18 Nom.
Cadmium, CP, import., bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis.lb. .55 - —
kgs., ton lots, same basis, lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, cases, works, lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
Chrome yellow CP prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City; Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis chrome..lb. 1.37 - —
primrose shade, bbls., same basis chrome..lb. 1.75 - —
Mercury oxide, tech., bbls., 1,000 lbs..lb. 2.87 - —
smaller lots.....lb. 2.89 - —
Ocher, Amer., golden bbls., works..lb. .04½- .06½
yellow, bbls., works.....lb. .02 - .02½
French type, bbls., c.l.....lb. .0345- —
l.c.l. .....lb. .0365- —
Yellow, ocher, French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import..lb. .02475 Nom.
New York (f.o.b.)..lb. .02¾ Nom.
Philadelphia, for import..lb. .02¾ Nom.
San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
Phila., for import...lb. .02¾ Nom.
Portland, Seattle...lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom.
Indianapolis, Kansas City, Milwaukee, St. Louis..lb. .03¾ Nom.
New York.....lb. .03 Nom.
Pittsburgh .....lb. .03¼ Nom.
Portland, Seattle...lb. .03¾ Nom.
San Pedro, San Francisco..lb. .03¼ Nom.
f.o.b. N.Y., from dock, lb. .02¾ Nom.
from whse.....lb. .03½ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., same basis.....lb. .07 - —
Persian orange (see O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .17½- —
open order.....lb. .17½- —
Navy specifications type, contracts..lb. .17½- —
open order.....lb. .17½- —
Yellow dock root, dom., bls....lb. .15 - .20
Yellow root (xanthoriza), bls..lb. .11 - .13
Yerba santa leaves, bls.....lb. .09 - —
Yohimbine hydrochloride, viz..oz. 3.00 - 4.25

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., dlvd..lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bgs.....lb. .12¼- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls..lb. .32½- —
25-lb. dms.....lb. .37½- —
kgs. .....lb. .34½- —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran, dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works...100 lbs. 5.75 - —
USP, 100-lb. dms.....lb. .30 - .31
25-lb. jars.....lb. .36 - —
solut., 50%, dms., c.l., works, lb. .0290- —
l.c.l., works.....lb. .04 - .04¼
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - .35
Dust, bbls., c.l., dlvd.....lb. .09¼- —
l.c.l., bbls., dlvd.....lb. .09¾- —
Iodide, N. F., bots.....lb. 4.54 - —
jars .....lb. 4.40 - —
Fluoride, bbls.....lb. .20 - .25
Metal (see daily quotations in Market report.)
Oxide, pigment, dom., Amer. process, coml., lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd.....lb. .07 - —
leaded, 5%, bgs., c.l., dlvd, lb. .06¾- —
l.c.l., dlvd.....lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd.....lb. .06¾- —
35%, bgs., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd.....lb. .06¼- —
bbls., c.l., dlvd...lb. .06¼- —
l.c.l., dlvd.....lb. .06¾- —
50%, bgs., c.l., dlvd...lb. .06 - —
l.c.l., dlvd.....lb. .06¼- —
bbls., c.l., dlvd...lb. .06¼- —
l.c.l., dlvd.....lb. .06½- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd...lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd...lb. .07 - —
Zinc, oxide, pigment, French process, green seal, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd...lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
red seal, bgs., c.l., dlvd..lb. .07¾- —
l.c.l., dlvd.....lb. .08 - —
bbls., c.l., dlvd.....lb. .08 - —
l.c.l., dlvd.....lb. .08¼- —
white seal, bgs., c.l., dlvd. lb .08¾- —
l.c.l., dlvd.....lb. .09 - —
bbls., c.l., dlvd...lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
imported, gold seal, cks., ex whse..lb. No prices
green seal, bbls., ex whse., lb. No prices
white seal, cks., ex whse..lb. No prices
USP, l.c.l., 50-lb. ctns., 50-lb. dms..lb. .10 Nom.

Lead-free and 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ¼c. per lb. higher ex whse. Pac Cst.; 50% leaded is 5.6c. per lb. higher for car lots delivered Pac. Cst.
Palmitate, bbls.....lb. .24½- .27½
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., one ton..lb. .27 - —
smaller lots.....lb. .29 - —
USP, bbls.....lb. .25 - .27
Sulphate, cryst., bgs., c.l., 100 lbs. 3.40 - —
l.c.l. .....100 lbs. 4.15 - —
bbls., c.l.....100 lbs. 3.65 - —
l.c.l. .....100 lbs. 4.40 - —
flake, bgs., c.l.....100 lbs. 3.80 - —
l.c.l. .....100 lbs. 4.55 - —
bbls., c.l.....100 lbs. 4.05 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.35 - —
l.c.l. .....100 lbs. 6.10 - —
bbls., c.l.....100 lbs. 5.60 - —
l.c.l. .....100 lbs. 6.35 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .07¾- —
l.c.l., dlvd.....lb. .08 - —
bbls., c.l., 20 bbls., c.l. (20 tons), dlvd..lb. .08 - —
l.c.l., dlvd.....lb. .08¼- —

Zinc, sulphide, barium, pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd.....lb. .06½- —
calcium pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
magnesium pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd.....lb. .05¾- —
Car lot prices are ½c. higher delivered Pac. Cst. and less car lot prices are ½c. higher ex whse. Pac Cst.

Sulphocarbolate, NF, bbls., dms..lb. .24 - .29
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.35 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse., Pac. cst..lb. .06¾- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, gr., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works, lb. 1.80 - 2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn (methyl abietate), c.l., dms., f.o.b. cars, destination, zone 1..lb. .07½- —
l.c.l., lots of 10 dms., same basis..lb. .08¾- —
single dms., same basis....lb. .09¾- —
smaller lots, f.o.b. Hercules, Del..lb. .14¾- —
Aroclors, distilled, dms., c.l., works..lb. .23 - —
ton lots, works.....lb. .25 - —
single dms., works.....lb. .27 - —
undistilled, dms., c.l., works, lb. .18 - —
ton lots, works.....lb. .20 - —
single dms., works.....lb. .22 - —

B

Bakelite, alkyd resins, BR, 10025, bbls., 30,000 lbs., works, lb. .28 - —
15,000 lbs., works.....lb. .28½- —
5,000 lbs., works.....lb. .29 - —
carbic anhydride base, oil modified, BR, 13630, dms., 30,000 lbs., works..lb. .27 - —
15,000 lbs., works.....lb. .27½- —
5,000 lbs., works.....lb. .28 - —
14590, 30,000 lbs., works..lb. .26 - —
15,000 lbs., works.....lb. .26½- —
5,000 lbs., works.....lb. .27 - —
resin modified, BR, 13202, bbls., 30,000 lbs., works..lb. .15 - —
15,000 lbs., works.....lb. .15½- —
5,000 lbs., works.....lb. .16 - —
dispersion resin, BK, 3962 dms., 30,000 lbs., works..lb. .2630- —
15,000 lbs., works.....lb .2680- —
5,000 lbs., works.....lb. .2730- —
6791, dms., 30,000 lbs., works, lb. .2690- —
15,000 lbs., works.....lb. .2740- —
5,000 lbs., works.....lb. .2790- —
XK, 14504, dms., 30,000 lbs., works..lb. .28 - —
15,000 lbs., works.....lb. .28½- —
5,000 lbs., works.....lb. .29 - —
15346, dms., 30,000 lbs., works..lb. .26½- —
15,000 lbs., works.....lb. .27 - —
5,000 lbs., works.....lb. .27½- —
lacquer, BR, 9366, dms., 30,000 lbs., works..lb. .18½- —
15,000 lbs., works.....lb. .19 - —
5,000 lbs., works.....lb. .19½- —
BJ, 15408 dms., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works.....lb. .24½- —
5,000 lbs., works.....lb. .25 - —
XJ, 10433, dms., 30,000 lbs., works..lb. .37 - —
15,000 lbs., works.....lb. .37½- —
5,000 lbs., works.....lb. .38 - —
XR, 3180, dms., 30,000 lbs., lb. .45 - —
15,000 lbs., works.....lb. .45½- —
5,000 lbs., works.....lb. .46 - —
4357, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .45½- —
5,000 lbs., works.....lb. .46 - —
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb. .42 - —
15,000 lbs., works.....lb. .42½- —
5,000 lbs., works.....lb. .43 - —
3360, bbls., 30,000 lbs., works..lb. .36 - —
15,000 lbs., works.....lb. .36½- —
5,000 lbs., works.....lb. .37 - —
4036, bbls., 30,000 lbs., works..lb. .37 - —
15,000 lbs., works.....lb. .37½- —
5,000 lbs., works.....lb. .38 - —
9432, bbls., 30,000 lbs., works..lb. .31 - —
15,000 lbs., works.....lb. .31½- —
5,000 lbs., works.....lb. .32 - —
9434, bbls., 30,000 lbs., works..lb. .20 - —
15,000 lbs., works.....lb. .20½ —
5,000 lbs., works.....lb. .21 - —
10282, bbls., 80,000 lbs., works..lb. .32 - —
15,000 lbs., works.....lb. .32½- —
5,000 lbs., works.....lb. .33 - —
14634, bbls., 30,000 lbs., works..lb. .30 - —
15,000 lbs., works.....lb. .30½- —
5,000 lbs., works.....lb. .31 - —
oil modified, BR, 302, bbls., 30,000 lbs., works..lb. .3160- —
15,000 lbs., works.....lb. .3210- —
5,000 lbs., works.....lb. .3260- —
2175, cns., 30,000 lbs., works..lb. .33 - —
15,000 lbs., works.....lb. .33½- —
5,000 lbs., works.....lb. .34 - —
resin, BR, 2963, bbls., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23 - —
11504, bbls., 30,000 lbs., works..lb. .18 - —
15,000 lbs., works.....lb. .18½- —
5,000 lbs., works.....lb. .19 - —
11544, bbls., 30,000 lbs., works..lb. .18 - —
15,000 lbs., works.....lb. .18½- —
5,000 lbs., works.....lb. .19 - —

Bakelite, resin, solutions, XJ, 180, dms., 30,000 lbs., works..lb. .2070- —
15,000 lbs., works.....lb. .2120- —
5,000 lbs., works.....lb. .2170- —
13574, bbls., 30,000 lbs., works..lb. .30 - —
15,000 lbs., works.....lb. .30½- —
5,000 lbs., works.....lb. .31 - —

C

Copene resin, dms., works.....lb. .22½- —
Cumar, AX, dms., works.....lb. .06 - —
BX .....lb. .06 - —
CX, gross weight.....lb. .05 - —
DX, gross weight.....lb. .04½- —
EX, gross weight.....lb. .04½- —
FX, gross weight.....lb. .05 - —
MH col. 1.....lb. .11 - —
1½-2 .....lb. .10 - —
2½-3½ .....lb. .09 - —
9 .....lb. .06 - —
MS .....lb. .10 - —
P 10°-80° C., col. 2½ and darker..lb. .10 - —
RH .....lb. .10 - —
RS .....lb. .10 - —
Special soft.....lb. .10 - —
V col. ½.....lb. .12 - —
1 .....lb. .11 - —
1½-2 .....lb. .10 - —
2½ and darker.....lb. .09 - —
W col. ½.....lb. .13 - —
1 .....lb. .12 - —
1½-2 .....lb. .11 - —
2½ and darker .....lb. .10 - —

Cumar resins are delivered in drums, f.o.b. Frankford, Pa., freight equalized with Pittsburgh; prices on contract are ¼c. per pound lower.

D

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, c.l., dlvd..lb. .14½- —
10 dms. or more, dlvd....lb. .15 - —
9 dms. or less, dlvd....lb. .15½- —
B, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —
E, c.l., dlvd.....lb. .15 - —
10 dms. or more, dlvd....lb. .15½- —
9 dms. or less, dlvd....lb. .16 - —
H-1, c.l., dlvd.....lb. .18 - —
10 dms. or more, dlvd....lb. .18½- —
9 dms. or less, dlvd....lb. .19 - —
PV, c.l., dlvd.....lb. .15¾- —
10 dms. or more, dlvd....lb. .16¼- —
9 dms. or less, dlvd....lb. .16¾- —
11, c.l., dlvd.....lb. .15 - —
10 dms. or more, dlvd....lb. .15½- —
9 dms. or less, dlvd....lb. .16 - —
22, c.l., dlvd.....lb. .12 - —
10 dms, or more, dlvd....lb. .12½- —
9 dms. or less, dlvd....lb. .13 - —
22-B, c.l., dlvd.....lb. .09½- —
10 dms. or more, dlvd....lb. .10 - —
9 dms. or less, dlvd....lb. .10½- —

Zinc Sulphide—Esterol

Esterol, 33, c.l., dlvd.....lb. .14½- —
10 dms. or more, dlvd....lb. .15 - —
9 dms. or less, dlvd....lb. .15½- —
44, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —
44-B, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —
55, c.l., dlvd.....lb. .14½- —
10 dms. or more, dlvd....lb. .15 - —
9 dms. or less, dlvd....lb. .15½- —
562, c.l., dlvd.....lb. .15½- —
10 dms. or more, dlvd....lb. .16 - —
9 dms. or less, dlvd....lb. .16½- —
640-N, c.l., dlvd.....lb. .14½- —
10 dms. or more, dlvd....lb. .15 - —
9 dms. or less, dlvd....lb. .15½- —
660-N, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —
750, c.l., dlvd.....lb. .17 - —
10 dms. or more, dlvd....lb. .17½- —
9 dms. or less, dlvd....lb. .18 - —
830, c.l., dlvd.....lb. .16 - —
10 dms. or more, dlvd....lb. .16½- —
9 dms. or less, dlvd....lb. .17 - —
1800, c.l., dlvd.....lb. .14½- —
10 dms. or more, dlvd....lb. .15 - —
9 dms. or less, dlvd....lb. .15½- —
1825, c.l., dlvd.....lb. .16½- —
10 dms. or more, dlvd....lb. .17 - —
9 dms. or less, dlvd....lb. .17½- —
2185, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —

C.P. Iron Blues

RCI

Chemical Colors

RCI'S No. 4035 C. P. Chinese Blue and No. 4085 C. P. Prussian Blue are noted for their exceptional weathering properties. This advantage has been clearly demonstrated by formulators making automotive finishes, for example, who have tested and compared them with all good iron blues available—and found the RCI products to be superior.

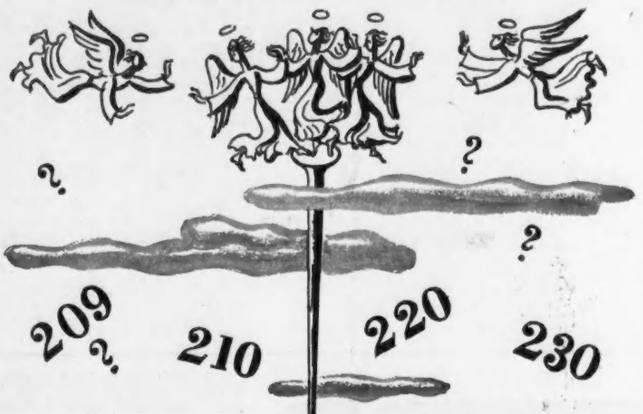
Both colors have very jet masstones and grind with comparative ease. When reduced with white, No. 4035 gives a very clean greenish tint, whereas No. 4085 provides red-toned shades and tints.

For more information on these two outstanding RCI pigment colors—or for any other chemical color requirement, consult Reichhold. Your inquiries are welcomed.

RCI WORLD-WIDE DISTRIBUTION

REICHHOLD CHEMICALS, INCORPORATED
CHEMICAL COLOR DIVISION
Factory: BROOKLYN, N. Y. General Offices: DETROIT, MICH.

"How many angels can dance on the head of a pin?"



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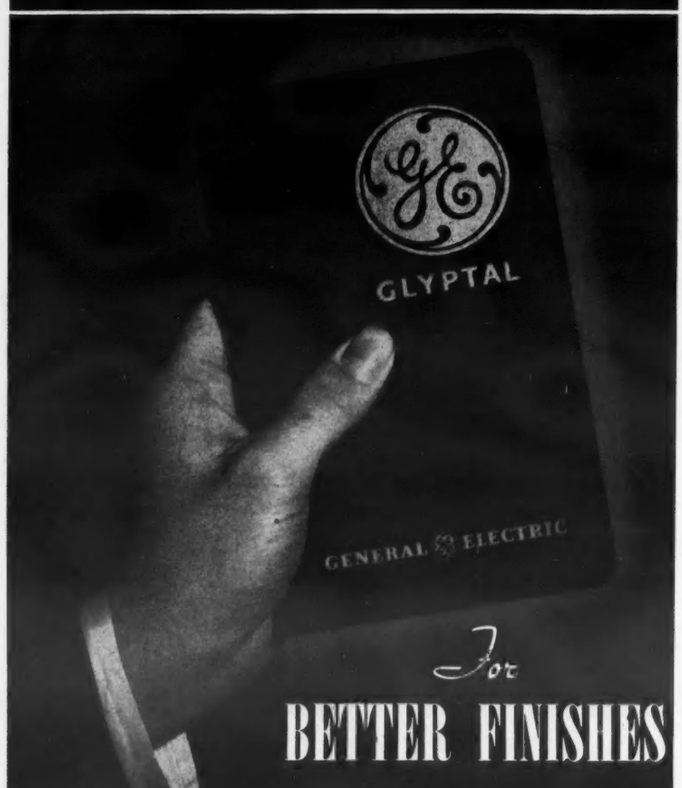

WRITE SECTION M-1358. APPLIANCE & MERCHANDISE DEPT., GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONN.

GENERAL ELECTRIC

Esterol—Paranol

Esterol, 2195, c.l., dlvd.....lb. .15 - —
10 dms., or more, dlvd....lb. .15½ - —
9 dms., or less, dlvd.....lb. .16 - —
2600, c.l., dlvd.....lb. .17 - —
10 dms. or more, dlvd....lb. .17½ - —
9 dms. or less, dlvd.....lb. .18 - —
2633, c.l., dlvd.....lb. .13½ - —
10 dms. or more, dlvd....lb. .14 - —
9 dms. or less, dlvd.....lb. .14½ - —
2728, c.l., dlvd.....lb. .15 - —
10 dms. or more, dlvd....lb. .15½ - —
9 dms. or less, dlvd.....lb. .16 - —
2775-BS, c.l., dlvd.....lb. .14½ - —
10 dms. or more, dlvd....lb. .15 - —
9 dms. or less, dlvd.....lb. .15½ - —

F

Flexalyn solution, dms., c.l., f.o.b. cars, destination, zone 1..lb. .12½ - —
l.c.l., 10 dms., same basis..lb. .13¼ - —
single dms., same basis..lb. .14¾ - —
smaller lots, f.o.b. Hercules, Del..lb. .19¾ - —

G

G, resin, dms., gross weight, works..lb. .07½ - —
G resin prices on contracts terminating Dec., 1941, are ¼c. per pound lower; Los Angeles and San Francisco ex warehouse, 3c. per pound extra.
2633, c.l., dlvd.....lb. .11½ - —
Guai-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn (hydrogenated methyl abietate), dms., c.l., f.o.b. cars, destination, zone 1..lb. .11½ - —
l.c.l., lots of 10, same basis, lb. .12¾ - —
single dms., same basis...lb. .13¾ - —
smaller lots, f.o.b. Hercules, Del..lb. .18¾ - —

J

Jonite (see zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black or red label, bgs., c.l., dlvd..lb. .06½ - —
l.c.l., dlvd. E. of Rockies.lb. .06¾ - —
Pac. coast, ex whse.....lb. .07¼ - —
bbls., c.l., dlvd.....lb. .06¾ - —
l.c.l., dlvd. E. of Rockies.lb. .07 - —
Pac. coast, ex whse.....lb. .07½ - —
No. 25, bgs., c.l., dlvd.....lb. .07¾ - —
l.c.l., dlvd. E. of Rockies, lb. .08 - —
Pac. coast, ex whse.....lb. .08½ - —
bbls., c.l., dlvd.....lb. .08 - —
l.c.l., dlvd. E. of Rockies, lb. .08 - —
Pac. coast, ex whse.....lb. .08¾ - —

L

Lewisol resin, No. 1, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
2, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
2L, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
3, c.l.....lb. .17 - —
10 dms.....lb. .18 - —
1 dm.....lb. .19 - —
18, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
24, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
28, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
33, c.l.....lb. .13½ - —
10 dms.....lb. .14 - —
1 dm.....lb. .14½ - —
115, c.l.....lb. .11½ - —
10 dms.....lb. .12 - —
1 dm.....lb. .12½ - —
125, c.l.....lb. .12 - —
10 dms.....lb. .12½ - —
1 dm.....lb. .13 - —
305, c.l.....lb. .12½ - —
10 dms.....lb. .13 - —
1 dm.....lb. .13½ - —
310, c.l.....lb. .14 - —
10 dms.....lb. .14½ - —
1 dm.....lb. .15 - —
320, c.l.....lb. .14½ - —
10 dms.....lb. .15 - —
1 dm.....lb. .15½ - —
Lewisol resin prices are f.o.b. cars, New England states; Middle Atlantic states; Va.; W.Va.; N.C.; Ky.; Ohio; Mich.; Ind.; Ill.; Wis.; St. Paul and Minneapolis, Minn.; St. Louis, Mo. For less than dm. quantities add 5c. pwe Mo. For less than dm. quantities add 5c. per

N

Neo-Fat drying oil, 17 T.G., dms., c.l., dlvd..lb. .14½ - —
19 T.G., dms., c.l., dlvd....lb. .19½ - —
19 T.G., bodied, dms., c.l., dlvd..lb. .20¾ - —
17, dms., c.l., dlvd.....lb. .13 - —
19, dms., c.l., dlvd.....lb. .17½ - —
23, dms., c.l., dlvd.....lb. Nom.
Neo-fat prices are ¼c. per lb. higher in Texas, ⅝c. higher on Pacific Coast.
Nevillac, pale, hard, dms., works, lb. .17 - —
hard, 85-95° C, dms., works..lb. .15 - —
soft, 65-75° C, dms., works..lb. .15 - —
Nevillas prices on contracts terminating Dec., 1941, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.
Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col. 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col. 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms., works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12½ - —
R-9, hard, col. ½ dms., works..lb. .12 - —
R-10, hard, col. 1, dms., works..lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
Neville resin, R-12, hard, col. 2½-3½, dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .12 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2 dms., works..lb. .10 - —
R-16, medium, col. 2½-4, dms., works..lb. .09 - —
R-16A, medium, col. 7-10, dms., works..lb. .06 - —
R-17, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10 - —
R-27, medium, soft, col. 1, dms., works..lb. .12½ - —
R-28, medium soft, col. 1½-2, dms., works..lb. .11½ - —
R-29, medium soft, col. 2½-8, dms., works..lb. .10 - —
465, 110-125° C., dms., gross weight, f.o.b. Pittsburgh..lb. .03 - —
Neville resin prices, except 465 resin, are freight equalized with Phila.; prices on contracts terminating Dec., 1941, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra. Less then full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.
Nevillite, "V," water-white, 100-lb. dms., works..lb. 1.30 - —
No. 4, very light straw, 100-lb. dms., works..lb. .52 - —
No. 128, water-white, 100-lb. dms., works..lb. .60 - —
oil, dms., works.....lb. 1.40 - —
Nevinol, dms., works.....lb. .13 - —
oil, heavy, rfd., dms., works, lb. .10 - —
Notol, tanks, cars, f.o.b. Pittsburgh..gal. .27½ - —
dms., returnable.....gal. .33 - —
Nuba, 1, 80-95°C., dms., gross weight, works..lb. .0265 - —
2, 100-125°C., dms., gross weight, works..lb. .0265 - —
3x, 135-150°C., dms., gross weight, works..lb. .04 - —
Nuba resin prices on contracts terminating December, 1941, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.
Nuodex drier, cobalt, 6%, 400-lb. pkgs..lb. .29½ - —
11½%, 100-lb. pkgs.....lb. .53¾ - —
cobalt acetate, 100-lb. pkgs., lb. .83¾ - —
iron, 6%, 400-lb. pkgs.....lb. .13½ - —
11%, 100-lb. pkgs.....lb. .23 - —
lead, 24%, 450-lb. pkgs.....lb. .13¾ - .14¼
32%, 450-lb. pkgs.....lb. .17 - —
34%, 100-lb. pkgs.....lb. .17¾ - —
40%, 100-lb. pkgs.....lb. .21 - —
lead 30%, cobalt 3%, 150-lb. pkgs..lb. .29¾ - —
lead 30%, manganese 3%, 150-lb. pkgs..lb. .22½ - —
manganese, 6%, 400-lb. pkgs..lb. .14 - .15
10½%, 100-lb. pkgs.....lb. .23½ - —
Zinc, 8%, 400-lb. pkgs.....lb. .14¼ - —
10%, 400-lb. pkgs.....lb. .17¾ - —
14%, 100-lb. pkgs.....lb. .24 - —
Nuodite, cobalt, 18%, 100-lb. pkgs., lb. .75 - —
lead, 64%, 100-lb. pkgs.....lb. .25 - —
manganese, 24%, 100-lb. pkgs., lb. .32 - —
All prices are f.o.b. customers' plants, East of Denver.
Nypene resin, dms., works..lb. .22½ - —

P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .04½ - —
2, 100-124° C., dms., gross wt., works..lb. .04½ - —
3, 125-140° C., dms., gross wt., works..lb. .05 - —
Paradene prices on contract, terminating Dec., 1941, are ¼c. lower; prices are freight equalized with Philadelphia, Pa.
Paradura resin, grade AV, c.l., dlvd..lb. .25 - —
10 pkgs. or more, dlvd.....lb. .26 - —
9 pkgs. or less, dlvd.....lb. .27 - —
C, c.l., dlvd.....lb. .33 - —
10 pkgs. or more, dlvd.....lb. .34 - —
9 pkgs. or less, dlvd.....lb. .35 - —
10-F, c.l., dlvd.....lb. .35 - —
10 pkgs. or more, dlvd.....lb. .36 - —
9 pkgs. or less, dlvd.....lb. .37 - —
46, c.l., dlvd.....lb. .22½ - —
10 pkgs. or more, dlvd.....lb. .23 - —
9 pkgs. or less, dlvd.....lb. .23½ - —
273, c.l., dlvd.....lb. .23 - —
10 pkgs. or more, dlvd.....lb. .24 - —
9 pkgs. or less, dlvd.....lb. .25 - —
367, c.l., dlvd.....lb. .35 - —
10 pkgs. or more, dlvd.....lb. .36 - —
9 pkgs. or less dlvd.....lb. .37 - —
540, c.l., dlvd.....lb. .35 - —
10 pkgs. or more, dlvd.....lb. .36 - —
9 pkgs. or less, dlvd.....lb. .37 - —
Paranol resin, extra hard, No. 1, c.l., dlvd..lb. .15 - —
10 pkgs. or more, dlvd.....lb. .15½ - —
9 pkgs. or less, dlvd.....lb. .16 - —
Extra hard, No. 3, c.l., dlvd..lb. .14 - —
10 pkgs. or more, dlvd.....lb. .14½ - —
9 pkgs. or less, dlvd.....lb. .15 - —
Hard, No. 1, c.l., dlvd.....lb. .13 - —
10 pkgs. or more, dlvd.....lb. .13½ - —
9 pkgs. or less, dlvd.....lb. .14 - —
Hard, No. 3, c.l., dlvd.....lb. .12 - —
10 pkgs. or more, dlvd.....lb. .12½ - —
9 pkgs. or less, dlvd.....lb. .13 - —
25, c.l., dlvd.....lb. .12 - —
10 pkgs. or more, dlvd.....lb. .12½ - —
9 pkgs. or less, dlvd.....lb. .13 - —
25, light, c.l., dlvd.....lb. .12½ - —
10 pkgs, or more, dlvd.....lb. .13 - —
9 pkgs. or less, dlvd.....lb. .13½ - —
54-E, c.l., dlvd.....lb. .16 - —
10 pkgs. or more, dlvd.....lb. .16½ - —
9 pkgs, or less, dlvd.....lb. .17 - —
100, c.l., dlvd.....lb. .16½ - —
10 pkgs. or more, dlvd.....lb. .17 - —
9 pkgs. or less, dlvd.....lb. .17½ - —
100-B, c.l., dlvd.....lb. .12½ - —
10 pkgs., dlvd.....lb. .13 - —
9 pkgs., dlvd.....lb. .13½ - —
200, c.l., dlvd.....lb. .17 - —
10 pkgs., dlvd.....lb. .17½ - —
9 pkgs., dlvd.....lb. .18 - —
500, hard, c.l., dlvd.....lb. .14 - —
10 pkgs. or more, dlvd.....lb. .14½ - —
9 pkgs. or less, dlvd.....lb. .15 - —
500, extra hard, c.l., dlvd..lb. .16½ - —
10 pkgs. or more, dlvd.....lb. .17 - —
9 pkgs. or less, dlvd.....lb. .17½ - —
800, extra light, c.l., dlvd....lb. .14½ - —
10 pkgs. or more, dlvd.....lb. .15 - —
9 pkgs. or less, dlvd.....lb. .15½ - —

Paranol, 800, dark, c.l., dlvd..lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkgs. or less, dlvd.....lb. .14½- —
850, c.l., dlvd.....lb. .14½- —
10 pkgs. or more, dlvd.....lb. .15 - —
9 pkgs. or less, dlvd.....lb. .15½- —
1600, c.l., dlvd.....lb. .14 - —
10 pkgs. or more, dlvd.....lb. .14½- —
9 pkgs. or less, dlvd.....lb. .15 - —
1750, c.l., dlvd.....lb. .14½- —
10 pkgs. or more, dlvd.....lb. .15 - —
9 pkgs. or less, dlvd.....lb. .15½- —
1855, c.l., dlvd.....lb. .12½- —
10 pkgs. or more, dlvd.....lb. .13 - —
9 pkgs. or less, dlvd.....lb. .13½- —
3046-C, c.l., dlvd.....lb. .22½- —
10 pkgs. or more, dlvd.....lb. .23 - —
9 pkgs. or less, dlvd.....lb. .23½- —
1700, c.l., dlvd.....lb. .15 - —
10 pkgs. or more, dlvd.....lb. .15½- —
9 pkgs. or less, dlvd.....lb. .16 - —
3101, c.l., dlvd.....lb. .15¾- —
10 pkgs. or more, dlvd.....lb. .16¼- —
9 pkgs. or less, dlvd.....lb. .16¾- —
3645, c.l., dlvd.....lb. .15 - —
10 pkgs. or more, dlvd.....lb. .15½- —
9 pkgs. or less, dlvd.....lb. .16 - —
Pentalyn, dms., c.l., f.o.b. cars, destination, Zone 1..lb. .12 - —
l.c.l., 10 dms., same basis...lb. .12½- —
single dms., same basis..lb. .13 - —
smaller lots, f.o.b. Hercules, Del..lb. .18 - —
Pentalyn G, dms., c.l., f.o.b. cars, destination, Zone 1..lb. .13½- —
l.c.l., 10 dms., same basis, lb. .14 - —
single dms., same basis..lb. .14½- —
smaller lots, f.o.b. Hercules, Del..lb. .19½- —
Phenester, colos 3¼-5, dms., works, lb. .17 - —
P.H.O., dms., works.....lb. .19 - —
Piolite, powder, ton lots, works, lb. .66 - —
smaller lots, works.....lb. .69 - .74
Piolite resin, clear, ton lots, works..lb. .75 - —
smaller lots, works.....lb. .79 - .84
No. 20, ton lots, works.....lb. .75 - —
smaller lots works.....lb. .79 - .84
No. 40, ton lots, work.....lb. .75 - —
smaller lots, works.....lb. .79 - .84

R

Resinous oil, No. XI, dms., works, lb. .02 - —

S

Staybelite resin, c.l. (36,000 lbs.), f.o.b. cars East of and including N. D., S. D., Neb., Kan., Okla. and Tex..lb. .06 - —
l.c.l., dms. (500 lbs.), same basis..lb. .06½- —
smaller lots, f.o.b. Hattiesburg, Miss., or Hercules, Del..lb. .20 - —

Styrene resin, XRS-1, 30,000 lbs., works..lb. .50 - —
15,000 lbs., works.....lb. .50½- —
5,000 lbs., works.....lb. .51 - —
XRS-2, 30,000 lbs., works.....lb. .53 - —
15,000 lbs., works.....lb. .55½- —
5,000 lbs., works.....lb. .56 - —
Surfex, bgs., c.l., f.o.b. Painesville, Ohio..ton.27.50 - —
BB, bgs., c.l., same basis..ton.32.00 - —
MM, bgs., c.l., same basis..ton.30.00 - —
Syntex, standard alkyd resins, No. 9, c.l..100 lbs.15.00 - —
l.c.l., 10 or more dms..100 lbs.15.50 - —
1-9 dms.....100 lbs.16.00 - —
17, c.l.....100 lbs.13.00 - —
l.c.l., 10 or more dms..100 lbs.13.50 - —
1-9 dms.....100 lbs.14.00 - —
18, c.l.....100 lbs.14.00 - —
l.c.l., 10 or more dms.100 lbs.14.50 - —
1-9 dms.....100 lbs. 15.00 - —
19-A, c.l.....100 lbs.14.25 - —
l.c.l., 10 or more dms..100 lbs.14.75 - —
1-9 dms.....100 lbs.15.25 - —
20-A, c.l.....100 lbs.15.50 - —
l.c.l., 10 or more dms..100 lbs.16.00 - —
1-9 dms.....100 lbs.16.50 - —
21-B, c.l.....100 lbs.13.00 - —
l.c.l., 10 or more dms..100 lbs.13.50 - —
1-9 dms.....100 lbs.14.00 - —
22, c.l.....100 lbs.14.50 - —
l.c.l., 10 or more dms..100 lbs.15.00 - —
1-9 dms.....100 lbs.15.50 - —
23, c.l.....100 lbs.13.00 - —
l.c.l., 10 or more dms.100 lbs.13.50 - —
1-9 dms.....100 lbs.14.00 - —
28, c.l.....100 lbs.16.50 - —
l.c.l., 10 or more dms.100 lbs.17.00 - —
1-9 dms.....100 lbs.17.50 - —
32, c.l.....100 lbs.12.25 - —
l.c.l., 10 or more dms.100 lbs.12.75 - —
1-9 dms.....100 lbs.13.25 - —
36, c.l.....100 lbs.16.75 - —
l.c.l., 10 or more dms.100 lbs.17.25 - —
1-9 dms.....100 lbs.17.75 - —
40, c.l.....100 lbs.15.50 - —
l.c.l., 10 or more dms.100 lbs.16.00 - —
1-9 dms.....100 lbs.16.50 - —
119, c.l.....100 lbs.18.75 - —
l.c.l., 10 or more dms.100 lbs.19.25 - —
1-9 dms.....100 lbs.19.75 - —
H-3, 10,000 lbs. and up.100 lbs.13.50 - —
2,500-9,999 lbs.....100 lbs.14.00 - —
under 2,500 lbs.....100 lbs.14.50 - —
H-3, pale, 10,000 lbs. and over..100 lbs.13.50 - —
2,500-9,999 lbs.....100 lbs.14.00 - —
under 2,500 lbs.....100 lbs.14.50 - —
H-10, c.l.....100 lbs.15.75 - —
l.c.l., 10 or more dms.100 lbs.16.25 - —
1-9 dms.....100 lbs.16.75 - —
H-12, c.l.....100 lbs.16.50 - —
l.c.l., 10 or more dms.100 lbs.17.00 - —
1-9 dms.....100 lbs.17.50 - —

Syntex, H-15, c.l.....100 lbs.11.00 - —
l.c.l., 10 or more dms.100 lbs.11.50 - —
1-9 dms.....100 lbs.12.00 - —
H-46, c.l.....100 lbs.12.25 - —
l.c.l., 10 or more dms.100 lbs.12.75 - —
1-9 dms.....100 lbs.13.25 - —
Tentative alkyd resins, 14, c.l., 100 lbs.14.50 - —
l.c.l., 10 or more dms.100 lbs.15.00 - —
1-9 dms.....100 lbs.15.50 - —
16, c.l.....100 lbs.17.00 - —
l.c.l., 10 or more dms.100 lbs.17.50 - —
1-9 dms.....100 lbs.18.00 - —
23, c.l.....100 lbs.19.00 - —
l.c.l., 10 or more dms.100 lbs.19.50 - —
1-9 dms.....100 lbs.20.00 - —
32-A, c.l.....100 lbs.12.75 - —
l.c.l., 10 or more dms.100 lbs.13.25 - —
1-9 dms.....100 lbs.13.75 - —
42, c.l.....100 lbs.14.00 - —
l.c.l., 10 or more dms.100 lbs.14.50 - —
1-9 dms.....100 lbs.15.00 - —
121, c.l.....100 lbs.14.50 - —
l.c.l., 10 or more dms.100 lbs.16.00 - —
1-9 dms.....100 lbs.16.50 - —
217, c.l.....100 lbs.13.25 - —
l.c.l., 10 or more dms.100 lbs.13.75 - —
1-9 dms.....100 lbs.14.25 - —
H-5, c.l.....100 lbs.14.50 - —
l.c.l., 10 or more dms.100 lbs.15.00 - —
1-9 dms.....100 lbs.15.50 - —
H-47, c.l.....100lbs.17.25 - —
l.c.l., 10 or more dms.100 lbs.17.75 - —
1-9 dms.....100 lbs.18.25 - —

These prices are f.o.b. Louisville, Ky., freight prepaid and allowed to destination in New England, the Middle Atlantic States, Va., N. C., S. C., W. Va., Ohio, Ky., Tenn., Ind., Ill., Mich., Wiss., Iowa and Mo. and the cities of Minneapolis and St. Paul, Minn.; Atlanta, Ga., Omaha and Lincoln, Neb., and Montreal and Toronto, Canada. For shipment to other points East of the Rockies and not listed above, add 1c. per pound.

V

"Vinylseal," adhesive solution, A35, or dms., lots, f.o.b. South Charleston, W. Va., frt. pd. E. of Miss..gal. 2.10 - —
smaller lots, same basis.gal. 2.50 - —
T24-9, 20 dms., same basis, gal. 2.00 - —
dm. lots, same basis....gal. 2.25 - —
smaller lots, same basis.gal. 2.50 - —
M&A-28-18, 20 dms., same basis, gal. 2.15 - —
dm. lots, same basis....gal. 2.40 - —
smaller lots, same basis.gal. 2.65 - —

"Vinylseal" adhesive solutions in 1 to 5 gal. quantities are shipped in non-returnable containers. Extra charge of 40c. for 1-gal. cans, 5-gal. containers included in price. Drum lots are shipped in 55-gal. non-returnable drums.

Paranol—Vinylite

"Vinylite" brand resins, AYAA, AYAF, AYAT, c.l., (30,000 lbs.) paper bags, f.o.b. cars, South Charleston, W. Va., freight paid to destination E. of Mississippi river....lb. .40 - —
2,000 to 9,999 lbs., cns., same basis..lb. .43 - —
200 to 1,999 lbs., cns., same basis..lb. .45 - —
1 to 199 lbs., cns., same basis..lb. .60 - —
AYAB, cns., 200 to 1,999 lbs., same basis..lb. .52 - —
1 to 199 lbs., same basis.lb. .67 - —
AYAW, cns., 200 to 1,999 lbs., same basis..lb. .52 - —
1 to 199 lbs., same basis..lb. .67 - —
QYNA, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va..lb. .48 - —
10,000 to 29,999 lbs., cns., same basis..lb. .50 - —
2,000 to 9,999 lbs., cns., same basis..lb. .52½- —
200 to 1,999 lbs., cns., same basis..lb. .55 - —
1 to 199 lbs., cns., same basis..lb. .65 - —
VYHF, VYLF, VYNW, VYRR, c.l. (30,000 lbs.), paper bags, same basis..lb. .48 - —
10,000 to 29,999 lbs., cns., same basis..lb. .50 - —
2,000 to 9,999 lbs., cns., same basis..lb. .52½- —
200 to 1,999 lbs., cns., same basis..lb. .55 - —
1 to 199 lbs., cns., same basis..lb. .65 - —
VYHH, c.l. (30,000 lbs.), paper bags, same basis, lb. .52 - —
10,000 to 29,999 lbs., cns., same basis..lb. .54 - —
2,000 to 9,999 lbs., cns., same basis..lb. .56½- —
200 to 1,999 lbs., cns., same basis..lb. .57 - —
1 to 199 lbs., cns., same basis..lb. .67 - —
VYNS, c.l. (30,000 lbs.), paper bags, same basis, lb. .68 - —
10,000 to 29,999 lbs., cns., same basis..lb. .70 - —
2,000 to 9,999 lbs., cns., same basis..lb. .72½- —
200 to 1,999 lbs., cns., same basis..lb. .75 - —
1 to 199 lbs., cns., same basis..lb. .85 - —
XYSG, paper bags, 200 to 1,999 lbs., cns., same basis..lb. 1.25 - —
1 to 199 lbs., cns., same basis..lb. 1.40 - —

W.H. Dow Reviews Magnesium Relations

—Continued from page 3

represented a substantial volume of business.

Magnesium Chloride

With magnesium chloride in production, our company looked with fascination on the manufacture of metallic magnesium and research began. Some small quantity of magnesium was produced as early as 1916, but we did not really consider ourselves in commercial production until 1918. Producing and marketing a metal was an entirely new enterprise with us, as heretofore our whole activity had been concerned with the production and sale of inorganic and organic chemicals. Development of a metal like magnesium meant the knowledge of its metallurgy and its possible applications. A metallurgical staff began making alloys, after first learning how to make a metal that was capable of being alloyed. Alloying magnesium with one metal in varying percentages, as well as determining the physical properties of these alloys, was a big job and then, to run the same gamut of testing on binary, ternary, quaternary, and more alloys was a stupendous undertaking. This work was started in the early 20's and has continued, uninterrupted, ever since.

Production of metal was the first step and from the time of our first sale until the present time, there has been a continual effort on the part of a large staff of engineers and research personnel to improve our process of production. Not a single element of assistance in this whole process was contributed by any agency, either domestic or foreign, outside our own company organization. Any statement to the contrary is an insult and is unjust to the loyalty, integrity, perseverance, and forethought of the industrious men who developed our manufacturing process for magnesium production.

As the production of magnesium proceeded, simultaneously the alloying and metallurgical experience developed, and fabrication of salable products resulted. In addition, we were introducing a new, little-known metal to a skeptical public. Giving due consideration to the many thousands of "Dowmetal" automobile pistons which were successfully used by thousands of customers, the magnesium industry was still not a successful enterprise. More and better applications had to be found.

Fabrication Methods

About this time, other methods of fabrication were started, such as die casting and extrusion. Rolling of sheet came a little later and with a diversification of salable products, permanent uses began to grow. In 1918, the commercial use for magnesium was almost exclusively for flashlight powder. A period of about fifteen years elapsed before it became accepted commercially in the form of complicated sand castings, die castings, sheet, and forgings. Successful welding also followed these developments. This was approximately the status of the magnesium industry of Dow Chemical in the early 1930's.

Naturally, during the long years of development of this product and its applications, we had applied for many patents covering our experience. It follows that some of these were in interference with inventions of others, although our greatest interference on patent applications was in the fabrication field with the European interests in the United States Patent Office. In 1932, a lawsuit was filed against us on alleged infringement of certain I. G. Farbenindustrie U. S. A. patents. The suit was finally settled on the basis of cross-licensing all of the Dow fabrication patents owned in the United States with all of the U. S. A. fabrication patents of the I. G. and American Magnesium Corporation, a subsidiary of the Aluminum Company of America, which patents were owned and controlled by Magnesium Development Corporation, a United States organization jointly owned by the I. G. Farbenindustrie and Aluminum Company of America. By this method of procedure, any royalties paid for the use of the patents are paid by the manufacturer of metal and there is no restriction whatsoever on production. This agreement permitted customers to fabricate and use magnesium products without fear of infringement of patents from others, and results prove it to have been a constructive step in the development of the business. The Dow company pays no royalty on the production of metal. The Dow Chemical Company pays a royalty of one cent per pound to the Magnesium Development Corporation on the magnesium used in the manufacture of fabricated magnesium parts.

There are definitely two divisions to be considered in the magnesium industry. The first is the production of magnesium, which is a wholly Dow Chemical American dvelopment, not assisted in any respect by an European or other American interest. The Dow Chemical Company is very proud of its record in the development of the production of magnesium. The second phase of the magnesium industry is the fabrication step, where pure magnesium metal is alloyed and then made into usable products, or as generally termed "fabricated."

The incorrect impression in the minds of the general public, apparently resulting from statements publicized and reprinted many times during the past year concerning the status of the magnesium industry in America, has been extremely distressing to us. The production of magnesium metal is the first step. The final use of the metal for fabrication purposes is the second step. The same as in the steel industry, the plant that reduces the ore to pig iron is comparable to our production of metal from the salts obtained from native brines or ocean water. The manufacture of steel products, such as boiler plate and other usable products, where pig iron is taken as the raw material and made into alloys to produce the proper steels, is comparable with our phase of operation, where we take the ingot metal and then proceed to alloy and fabricate it into usable products. It is necessary to bear in mind that there are two distinct steps in the complete magnesium picture:—(1) Production, (2) fabrication.

No Metal Control

There has been no limiting control in the sale or production of the metal, either as ingot metal or as fabricated parts. Our selling expense has been considerable and development costs have been large. We have retained an engineer in Washington for ten years to assist in developing possible uses with the various government agencies and these development projects necessarily require a long series of tests before satisfactory conclusions can be determined. Early in 1940, we started the construction of a large new plant in Texas in anticipation of increased requirements, before any government agency estimated the requirements of magnesium. Not until the late Spring of 1940 was general approval made for certain specific government uses and only within the last twelve months has there been the urge to use more and more magnesium and "Dowmetal" alloys in the various applications required for defense purposes. However, before the Texas plant was completed, an addition was started for the British government and shortly thereafter we were requested by the United States government to double the capacity of the Texas production. This latest addition is now approaching completion, operating under a defense plant corporation contract. As of this date, the Dow Chemical Company is the only producer of magnesium in the United States. Recently, we have been asked by the government to grant a license and supply engineering knowledge to a number of other companies for the production of additional metal by the Dow electrolytic magnesium chloride process. The Dow Chemical Company has expressed its willingness to do this in the interests of national defense.

Defense Contracts Recently Awarded

Chemicals, oils, drugs, and related products required in connection with the program for national defense have recently been contracted for by the army and other governmental agencies to July 30 as follows:—

Army Ordnance

Asphalt:—$16,644, Mexican Petroleum Corporation, New York.

Asphalt Cement:—$16,456.45, Allied Materials Corporation, Oklahoma City.

Asphaltic Road Oil:—$22,729.20, Col-Tex Refining Company, Oklahoma City, Okla.

Carbon Tetrachloride:—$1,040, Philadelphia Chemical Company, Philadelphia.

Enamel, Thinner:—$10,068.75, John H. Witte & Sons, Burlington, Iowa.

Kerosene:—$13,350, Motolene Company, Inc., Long Island City, N. Y.

Nitrocellulose:—$356,250, Hercules Powder Company, Wilmington.

Paint and Varnish Remover:—$1,560, Chemical Products Company, Baltimore, Md.

Paint Primer:—$36,650, Roosevelt Paint & Supply Company, Chicago; $33,750, Ditzler Color Company, Detroit, Mich.

Paraffin Wax: — $14,250, Smith & Nichols, Inc., New York.

Pyrotechnics:—$288,706, Kilgore Manufacturing Company, Tipp City, Ohio.

Turpentine:—$4,312.50, Newport Industries, Inc., Pensacola, Fla.

Varnish and Shellac:—$1,470, Hubbell & Miller, Inc., New York.

Army Engineers

Paint:—$15,032.44, M. Ewing Fox Company, Inc., New York, N. Y.

Army Medical Corps

Acid, Acetylsalicylic:—$23,760, United Drug Company, Boston.

Acid, Benzoic:—$84,787, Mallinckrodt Chemical Works, St. Louis.

Acid, Nitric:—$15,929, City Chemical Corporation, New York.

Atropine Sulphate:—$12,791, S. B. Penick & Co., New York.

Cascara Sagrada: — $13,570, Allaire Woodward & Co., Peoria, Ill.

Chloroform: — $15,810, Mallinckrodt Chemical Works, St. Louis.

Codeine Sulphate: — $41,650, E. R. Squibb & Sons, New York.

Codliver Oil:—$55,875, E. R. Squibb & Sons, New York, N. Y.; E. R. Squibb & Sons, Brooklyn, N. Y.

Protein Silver:—$13,050, E. R. Squibb & Sons, New York.

Silver Protein:—$12,929, Heyden Chemical Corporation, Garfield, N. J.

Sodium Calcium Hydrate:—$10,947.10, Dewey & Almy Chemical Company, Cambridge, Mass.

Pumice Powder:—$3,154, L. D. Caulk Company, Milford, Del.

Chemical Warfare Service

Chemicals:—$150,000, Monsanto Chemical Company, St. Louis.

Treasury Department

Castor Oil:—$23,000, S. Weinstein Supply Company, New York.

Dextrin:—$14,960, Victor G. Bloede Company, Baltimore, Md.

Dextrin:—$16,375, Arabol Manufacturing Company, New York.

Lithographic Varnish: — $55,710, Superior Varnish & Drier Company, Merchantville, N. J.

Sulphur:—$32,256, Stauffer Chemical Company, New York.

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Flowers That Bloom in the Lab

The Federal Trade Commission has "induced" a manufacturer of perfumes to agree to indicate on its labels that its scents with flower names are "not made or compounded from the oil of the named flower." The Toilet Goods Association, pointing out that the stipulation does not make the law, argues ably, in a communication to its members, that the commission's stand is neither protective of the consumer nor beneficial to the industry and bumps head-on into the practice of perfumery from its earliest days, because the good perfume has always been the product of skillful blending.

There is scientific and progressive truth in the argument of the manufacturers' association—insofar as the building up of a floral odor is concerned, that argument is entirely factual. The association argues soundly also in its point that it is impossible to get from certain fragrant flowers an oil which reproduces the fragrance. Every perfumer knows also that even the best floral concretes must be complemented to provide an odor that is satisfactory and that a fixative is necessary to prevent fugacity.

Although such use is in no way deceptive, the association is in a tighter place when it endeavors to justify the use of a floral name for a scent which is wholly synthetic. The law under which the Federal Trade Commission operates is aimed at unfair, as well as deceptive acts, and the basic law purposes fairness in competition. So, the commission may look to the effect of a synthetic scent on a competitor who at least has as a nucleus a usually more expensive natural aromatic.

That, however, would be drawing the law to a point entirely too fine for practical purposes and beyond any good that may be expected. The old adage about a rose and its name holds good in reverse in all applications to the making, selling, and using of perfumes. The big factor is the buying—and it is the nose that chooses. Perfumes are bought for what they smell like; buyers don't care what they are made of. As to effects on competition—well; price is not a sales factor in perfumery.

Repair for Defense

The purpose of the Federal Housing Administration to make a special effort to improve the national domiciling calls for consideration by numerous industrial groups. Fixing up houses is not merely a matter of lumber and nails. In fact, it does not stop with paint, varnish, and lacquer—important and effective as are these protectors and prettiers.

The paper industry has a big interest in bettered housing—its products, too, are protective (insulation) and decorative (wallpaper). The glass industry has a big place in the bettering of houses. There is a job for those who make glues and pastes. Plaster is always needed in such work—linoleum and oilcloth. And so are fumigants and other disinfectants and—sometimes—insecticides and other vermin-killers. These industries all consume chemicals and the like; so the sellers of such materials must take notice of the FHA campaign and get into it.

It is not too early for the consumer-goods division of housing-bettering industries to be thinking of what can be done along that line to provide good quarters for defense workers and to inspire the general morale. It is high time for the suppliers of the materials which must go into the bettering of housing to be looking to the needs involved and conferring with the needers with a view of determining what can be done.

—O-P-D—

Partiality in Price Control

The President's appeal to Congress for price-control legislation is timely. Some official action is necessary because voluntary processes of business do not offer much promise of avoiding inflation. And a proper measure of official price control is much to be preferred to a repetition of the consequences of previously experienced repercussions of levitated values.

Whether the measure of price control imposed as a preventive of inflation will be a proper one depends on the initiative and the courage of Congress. The President has not asked for control that is desirable or could be effective. In the first place, he asks for authority to control, not for control itself. He says that the authority must be flexible "under expeditious and workable administrative procedures." Flexibility is highly desirable; but, it is to be expected that political expediency and oligarchic pressures would be the controlling influence in a flexible—discriminatory—system.

Congress should enact that all prices, all values, in all transactions shall be fixed as of a specified date to be determined on the basis of impartial, complete economic data. Practically to effect such control it will be necessary similarly to fix all factors contributing as costs or otherwise to the calculation of prices or other values. It must be recognized that such fixing, or freezing, could not be applied to taxes; but that would emphasize the economic equity that taxes should not be a part of costs, and might result in real tax reform. With all prices and all values and all contributing factors fixed, there would be no need for the "license or regulation" proposed by the President—and there could then be no favoritism.

The President's proposal falls short of satisfactoriness and effectiveness in that it would not put a ceiling on wages, would not impose a mandate on labor, but would look for "whole-hearted and voluntary cooperation" under conditions so stated that the only restraint would be that wages in defense work should not run ahead of those in civilian work—but the prime purpose of price control is to protect the public against gouging. The sort of whole-hearted cooperation which might be expected from labor is deducible from the manner in which certain construction trade unions did not for even a week live up to the agreement not to interfere with defense work through strikes.

Far-sighted business men are agreed that the prevention of inflation is desirable. They are divided in their views on the preferable method: some favor price control; others lean toward the idea of compulsory saving; a few support the method of reducing purchasing power by means of taxation. The price-control method is the only direct preventive. But, not even that method could be fully effective because all reselling could not be reached. The degree of its effectiveness depends on the extent of its application. If allowances and exceptions and other loopholes are cut into the ceiling for the immediate benefit of agriculture, labor, or any other group, and for the furtherance of political preferences, the effect would be worse than that of inflation for those who would be obliged to pay for the favors for others. An all-over ceiling for every story in the price structure is the only potentially effective preventive of the evils of inflation.

—O-P-D—

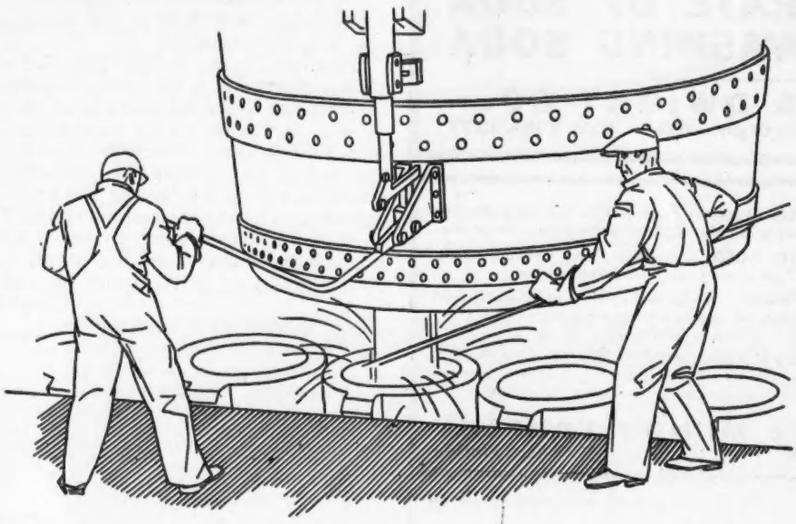
Calling All Drums

Insufficiencies of containers are becoming as much of a problem for suppliers of chemicals and related materials as is the scarcity of basic materials. In some quarters the container problem has become so acute that serious consideration is being given to the application of a rule that buyers must furnish their own drums, cans, carboys, or other containers.

Manufacturers of drums have been calling on OPM in an endeavor to get a more adequate allowance of steel sheets. Users of drums have been asking the railroads to permit limited reuse of the light-gauge, so-called "one-trip" drums under conditions which would not entail hazards. Some conservationists have been arguing that the one-trip drum should be outlawed for the duration of the national expediency because it is wasteful of steel. Inadequacy of raw materials has made carboys scarce, and the situation in tin containers is well known to be tight. The wooden barrel, the paper bag, and the paperboard container are becoming more popular every day—and these will not be any too over-abundant if a more efficient salvaging of waste paper is not soon devised.

The container scarcity is aggravated by the slow but certain increasing of inventories by manufacturing consumers, which ties up containers in stockrooms, and by the rambling about of containers holding materials which have got into the resale market and will be there nobody knows how long or are, full or empty, in the hands of somebody wholly unknown to the owner of the container.

Many idle containers are lying about; many others are stagnated unnecessarily in storage. Neither situation is good business. Those containers are needed "at home." They are being called. The simple courtesies of business dictate their prompt return.



A Tribute to The Steel Industry

It seems incredible that the great modern steel industry really began less than a century ago—with the invention of the Bessemer process in 1855. So phenomenal was its growth that before the turn of the century the manufacture of steel had become a leading American industry and its product the backbone of numerous other great industries including the growing automotive industry. Steel's continued progress in this century has been marked by almost innumerable improvements and developments — most notably, the development of modern alloys, in which modern chemical progress has played a leading role. Chas. Pfizer & Co. takes natural pride in the continuing and ever-broadening service to this great basic American industry.

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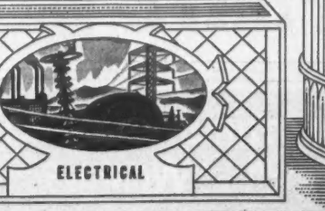

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Heavy Chemicals

Full Mandatory Priority Established for Liquid Chlorine—Calcium, Lead Arsenate and Paris Green Prices Firmer—One Producer Advances Prices for Soda Bifluoride

The growing scarcity of liquid chlorine and its vital importance to the national defense program prompted the O.P.M. priorities division to establish full mandatory regulations last week. Chlorine was placed on the critical list by the government some time ago, and is the first basic chemical to be subjected to mandatory control. The regulations provide that all defense orders must be filled before non-defense contracts. The shortage in chlorine has already been felt in the manufacture of industrial solvents and organic chemicals.

Inquiries from civilian and defense sources continued unabated. Consumers, who were unable to secure prompt deliveries, endeavored to secure material in the outside market at premium prices. It was becoming increasingly difficult, however, to locate any sizable spot offerings anywhere. Some producers complained of the shortage in containers, and were keeping closer check on returnable drums and carboys. Developments in Washington indicated that following the President's request for price control legislation some measure would be introduced in Congress soon placing a ceiling on all commodities.

One producer lifted prices for soda bifluoride in barrels and kegs. This follows recent upward trend in fluorides. Other price changes were confined to the insecticide group where some sellers made advances in lead arsenate, calcium arsenate and paris green quotations.

Alums.—Buying active, market position tight, and prices firm.

Alumina Sulphate.—Shipments moved steadily against contracts. Prices unchanged and firm.

Ammonia, Anhydrous.—Situation remains tight. Withdrawals steady. Price tone firm.

Ammonia, Aqua.—Inquiries and shipments continue heavy. Quotations firm.

Ammonia Bicarbonate.—Business moderately active. No change in prices.

Ammonia Bifluoride.—Market short, offerings limited to regular channels. Prices remain firm.

Ammonia Nitrate.—Inquiries active. Market displays firmness.

Ammonia Phosphate.—Technical grades well absorbed. Market position firm.

Ammonia Silicofluoride.—Supplies scarce, and spot offerings limited. Prices firm.

Ammonia Sulphocyanide.—Adequate domestic production to take care of all requirements.

Ammoniac, Sal.—Demand continues good. Prices underwent no change.

Antimony.—Domestic spot prices unchanged. Routine interest.

Antimony Oxide.—Market firm, and supplies well taken by regular trade.

Arsenic.—Firm undertone characterized market. Active inquiry.

Barium Carbonate.—Shipments moved steadily, and prices were firm.

Barium Hydrate.—Market in tight position, with business moderate.

Bleaching Powder.—Active movement against contracts. Prices remain firm.

Calcium Acetate.—Supplies limited, and demand active. Prices firm.

Calcium Carbide.—Brisk inquiry. Pricewise a firm tone predominated.

Calcium Chloride.—Shipments held at high levels. Prices failed to change.

Carbon Tetrachloride.—Demand exceeds available supplies. Prices firm. Resale 20c. per pound.

Chlorine.—The OPM placed material under full mandatory priority regulations to take care of defense requirements. Civilian needs will be

Price Changes

Advanced

Calcium arsenate, 1c. per lb.
Lead arsenate, 1¼c. per lb.
Paris green, 1c. per lb.
Soda bifluoride, bbls., kegs, 1½c. per lb.
Tin, anhy., tetrachloride, ½c. per lb.

Reduced

Soda stannate, 1c. per lb.
Tin, Straits, 1½c. per lb.
crystals, ½c. per lb.
stannous chloride, anhy., ½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
165.7	163.8	163.8	153.9

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
108.7	108.7	108.7	101.6

Market news that may have developed after this report was sent to press will be found on page 4.

Potash Permanganate

An important defense material, potash permanganate was one of the first chemicals to be added to the critical priorities list. With the cessation in shipments from Europe, domestic production has expanded about 50 percent to take care of national defense requirements. Present plans, it is expected, will add another 15 to 20 percent to domestic output by the Fall of this year.

Aside from a diversified use in many civilian fields, potash permanganate is used in processing of stainless steel for airplanes. One of the best oxidizing agents, it is employed in the manufacturing of gas masks. Indirectly it is used in the making of certain explosives as a purifier of alcohol. It is also an important ingredient of vitamins needed by the government.

Soon after the war shipments declined from Europe, particularly Germany and Italy, and in 1940 importations amounted to only 110 pounds, compared with 181,617 pounds in the 1939 year. During the first quarter of this year, 22,046 pounds arrived here, practically all of Japanese origin. Recently exports from Japan have dropped off entirely.

Early in 1940 potash permanganate, together with most other potash salts, was made subject to an export license. Because of the tightness here, little domestic material was offered. Some Japanese material arrived in bond, and re-exported at considerably higher prices.

Prices have shown an upward tendency in the domestic market lately. At the outset of the war, the technical grades ranged from 18½c. to 19c. per pound at the works, compared with 19¾c. to 20¼c. per pound currently.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

filled only after all defense needs have been met.

Cobalt Oxide.—Business allocated among regular consumers. Prices remain firm.

Copper.—Announcement concerning full priorities awaited. Price remains at 12c. for primary producers and 12½c. per smelters.

Copper Salts.—Supplies allocated among regular trade. Prices rule firm.

Copper Sulphate.—Most larger producers booked up for remainder of year, and accepting no new business. Prices unchanged and firm.

Fluorspar.—Shipments moved at good pace, while price situation remained firm.

Glauber's Salt.—A tight position was still evident, while prices were firm.

Lead Acetate.—No further price changes disclosed. Offerings well absorbed.

Lime.—A broad buying movement continued. Quotations lacked change.

Manganese Dioxide.—Withdrawals steady against contracts. Prices unchanged and firm.

Nickel Salts.—Supplies limited, and offerings pro rated. Prices firm.

Phosphorus.—Government purchases tightened market considerably. Prices firm.

Potash Carbonate.—Business confined to regular contract consumers as a rule. Price tone firm.

Potash, Caustic.—Brisk movement continues, and little new business accepted. Quotations without change.

Potash Chlorate.—Buying steady from usual channels. Prices remain firm.

Potash Cyanide.—Business moderately active. No change in the prices.

Salt.—All grades in heavy demand. Prices lacked change and tone firm.

Saltcake.—Available output taken. A firm price tone predominated.

Saltpeter.—Inquiries and shipments good. Prices display firmness.

Soda Acetate.—Demand heavy, market position tight. Prices firm at recently established levels.

Soda Ash.—Brisk buying movement continues. Prices unchanged and firm.

Soda Bicarbonate.—Steady interest. Prices without alteration.

Soda Bifluoride.—One seller raised prices for barrel and keg lots 1½c. at 13c. per pound and 14c. per pound, respectively. Supplies limited.

Soda, Caustic.—Demand remains broad. A firm price tone prevailed.

Soda Chlorate.—Shipments steady to regular trade. No change occurred in the prices.

Soda Cyanide.—Withdrawals active. Prices remain the same and tone firm.

Soda Fluoride.—Tight situation prevailed, while prices remain firm.

Soda Hydrosulphite.—Selling restricted to usual sources. No change in the quotations.

Soda Metasilicate.—Shipments steady. Quotations held firm.

Soda Nitrite.—Good movement against contracts. Prices failed to change.

Soda Phosphate.—A firm undertone characterized the market, while offerings were generally confined to regular consumers for normal needs.

Soda Silicate.—Purchases broad. Nothing new took place in the prices.

Soda Silicofluoride.—Bookings made well ahead, spot offerings small.

Soda Stannate.—Prices lowered 1c., ranging from 33½c. to 36½c. per pound, reflecting decline in Straits metal. Demand steady.

Soda Sulphide.—Demand active. Prices maintained at firm levels.

Strontium Nitrate.—Inquiries steady. Prices unchanged and firm.

Sulphur, Refined.—Active demand continues. Market position firm.

Tetrachlorethylene.—Market short, offerings restricted. Resale 22c. per pound.

Tin Salts.—Prices for tin crystals and anhydrous stannous chloride of tin declined ½c., while anhydrous tetrachloride of tin was nominal at 31c. per pound. Price for tin oxide has been withdrawn. Straits metal was quoted at 52½c. per pound. Tense Far East situation prompted OPM to warn of possible price ceiling for tin in near future.

Zinc Sulphate.—Shipments move steadily against contracts. Pricewise a firm tone prevailed.

Acids

Inquiries continued to run ahead of available supplies for a number of acids last week. Mounting defense needs created further scarcity in basic materials, and led sellers to follow a cautious policy in accepting all orders. Acetic and acetic anhydride remain in short supply. Offerings of chromic, formic and oxalic were limited. Mixed, sulphuric, nitric and muriatic moved in heavy volume. A further tightening was noted for phosphoric. Prices underwent no alterations, but the tone was one of firmness.

Acetic.—Demand in excess of available supplies. Price tone firm.

Acetic Anhydride.—Tight situation prevails. Prices rule firm.

Battery.—Demand steady. Quotations lack any change.

Chromic.—Offerings limited to regular trade for normal needs. Prices firm.

Formic.—Active inquiry. Offerings restricted. Prices rule firm.

Gallic.—Firm tone prevailed, while purchases were moderate.

Hydrofluoric.—Buying steady, and situation continues tight.

—Continued on page 32

Inventory Materials Use Permitted on Contracts

—Continued from page 5

time if he uses the inventory material and then, when the preference-rated material arrives in his plant, use this to replace the stock already used up.

The purpose of his interpretation, Mr. Stettinius said, is not only to hold inventories to a minimum but to speed production. Even when an order bears a preference rating, deliveries are sometimes delayed, and there is no point in holding up a defense contract until the rated material has physically arrived in the plant if stock on hand can be used and then replaced.

In such cases, it is advised, the manufacturer should be sure that the quantity of material ordered under a preference rating, and used to restock inventory, is no more than the amount which he has used to complete the order.

Mr. Stettinius added, however, that this interpretation applied only to current production where there is definite identification of the defense item against which a preference rating has been obtained or applied for. Any effort to obtain inventory based on past consumption of material must be carried out through the usual use of the defense supplies rating plan.

Canadian Nickel Output To Be Raised for U.S. Imports

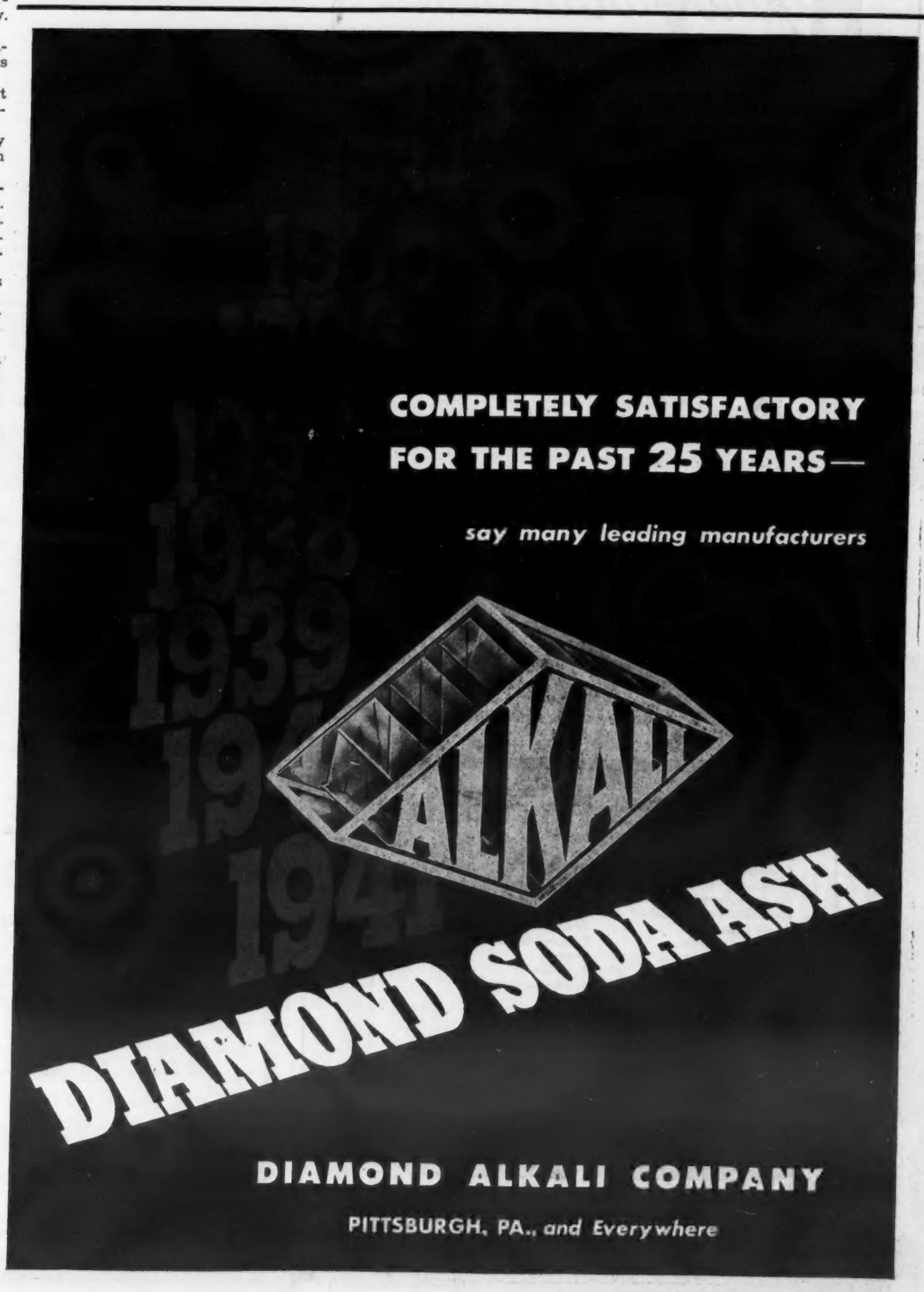
OPD Washington Bureau
July 28, 1941

Arrangements have been completed to expand Canadian nickel production so that United States imports from Canada can be increased 20 percent, it was announced today following a meeting of the Material Coordinating Committee of the two countries. The expansion is being undertaken by the International Nickel Company.

U.S. Ammonia Nitrate Plant to Be in Kansas

OPD Washington Bureau
July 28, 1941

The War Department announced today the selection of Baxter Springs, Kansas, as a general location for an ammonium nitrate plans; $17,700,000 has been authorized for the project. This authorization includes funds for the purchase and improvement of land, construction of buildings, building installations and for machinery and equipment.



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Causplit Cement	Sal ammoniac
Caustic Soda	Salt
Chlorine, liquid	Salt cake
Copperas	Soda ash
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Hydrofluoric acid	Sodium hypochlorite
Hydrogen peroxide	Sulphuric acid
Kryolith	Superphosphate

PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals

Heavy Chemicals

Acids

—*Continued from page* 31

Lactic.—Good interest. Prices failed to change.

Mixed.—Shipments moved steadily against contracts. Prices firm.

Muriatic.—Demand broad. A firm price tone characterized the market.

Nitric.—Buying active. Output well absorbed. Prices firm.

Oxalic.—Selling restricted. Prices held firm.

Phosphoric.—Market tightening. A firm price tone predominated.

Sulphuric.—A good volume of business passed against contracts, and sellers are not in a position to accept any new business. Price situation remains the same, and tone firm.

BALTIMORE, July 30.—The only change in the situation has been that buyers of acid have taken advantage of the clause which permits them to increase their tonnage as needed. The consumers thus protected, consequently, have stepped up their requirements until full productive capacity of the producer is being taken up and virtually no stocks are left for those users who have no contracts. Meanwhile, the cost of production has advanced sharply, but all the time the consumers are paying nominally $12 per ton for 60 degree and $15 per ton for 66 degree acid. Not only has there been no marking up of quotations, but according to one report oleum, used in the manufacture of smokeless powder and TNT, has actually been sold during the week at $16 per ton against the nominal figure of $17 per ton, so far adhered to.

Insecticides

Advances in calcium arsenate, lead arsenate and paris green prices provided the feature to the market for agricultural insecticides and fungicides last week. Some sellers raised quotations 1c. for calcium arsenate, while further increases were made in lead arsenate prices, thereby widening the range. Most of the consumer interest centered in the Southern cotton states, where good quantities of calcium arsenate were reported to be moving, and expectations are that the season will continue for another three weeks at least.

Air warfare is being waged this year in the rough, hilly country where Idaho, Nevada and Oregon meet, to supplement the ground offensive against Mormon cricket hordes that threaten to march down from the high places and attack crops in cultivated valleys, the U. S. Department of Agriculture says. A new poison bait of sodium silicofluoride and bran, developed by federal entomologists, is spread from a hopper in the plane as it flies over the crickets.

Calcium Arsenate.—Some sellers advanced prices 1c. with car lots ranging from 6½c. to 7½c. per pound and less car lots 6¾c. to 7¾c. per pound. Good movement in Southern cotton states.

Lead Arsenate.—Further increase made by some factors lifting prices 1¼c. Car lots range from 9c. to 11c. per pound, while less car lots were 9½c. to 11½c. per pound.

Paris Green.—Quotations advanced 1c. for drums and kegs, making car lots 24c. to 26c. and less car lots 25c. to 27c. per pound.

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Coaltar Chemicals

Active Demand and Firm Price Tone Characterizes Market—June Output and Stocks of Creosote Oil Sharply Lower—Light and Tar Oil Recoveries Well Above Year Ago

Buying continued to exceed available supplies for many items in the market for coaltar chemicals last week. Sellers did not deviate much from the policy of supplying normal requirements of regular contract consumers. Direct and indirect defense requirements exerted a great deal of pressure on sellers to fill all needs promptly. Production of basic products for the most part were ahead of a year ago. However, stocks of byproducts showed declines in many instances. No new price developments occurred, with general tone firm.

Latest production figures, released by the Bureau of Mines, showed that June output of naphthalene increased 11.2 percent over May, while stocks at end of June gained 30.2 percent. Benzol output was slightly less in June, although ahead of same month a year ago. Toluol recovery held about the same with stocks declining 3.3 percent at end of June. Both production and stocks of creosote oil declined sharply in June, a decrease of 25.3 percent in production and 30.6 percent in stocks over the preceding month are noted.

Light oil recovery during June totaled 19,605,874 gallons, compared with 19,551,474 in the preceding month and 17,687,180 gallons in June a year ago. For the first six months output aggregated 116,667,585 gallons, against 102,889,914 gallons in like period a year ago. Tar oil production was estimated at 59,414,592 gallons in June, contrasted with 59,572,827 gallons in May and 53,618,132 gallons in June, 1949. First six months production approximated 353,673,810 gallons, compared with 311,907,541 gallons in corresponding period a year ago.

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.7	127.7	127.7	127.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand steady. Market firm. June output 11,562,800 gallons, against 11,075,000 gallons in June, 1939. First five months 73,497,621, compared with 52,216,000 gallons in like period year ago.

Coaltar.—Shipments crude and refined good. Prices unchanged and firm.

Creosote Oil.—Firmness characterized market. Buying held steady. June production 2,698,961 gallons, against 3,611,624 gallons in May.

Cresylic Acid.—Tight situation continues. Inquiries steady. Prices unchanged and firm.

Cresols

A limited production and expanding use for cresols in national defense placed the material on the critical priorities list. It is a necessary component of certain synthetic resins, while its widespread use as a disinfectant caused large amounts to be employed for direct defense needs. The Medical corps of the army has added substantially to its inventories of cresol to be used in fumigating against disease and pestilence in the various cantonments and camps. Some moves are underway, however, to employ less important substitutes for this purpose.

Under present production methods, it is pointed out that the higher temperatures employed in the coke ovens in order to expedite increased output of coke for the steel industry, leaves less tar residue, and a smaller of cresol fraction available.

Output of ortho cresol in 1940 totaled 1,329,199 pounds, compared with 1,320,543 pounds during 1939. Production of ortho-meta-para cresols amounted to 16,049,539 pounds last year, while sales aggregated 16,023,297 pounds, contrasted with 13,177,035 and 14,593,732 pounds, respectively in the 1939 year.

A moderate upward trend occurred in prices since the start of the War. In August, 1939, price for special resin grade in car lots was quoted at 8¼c. per pound, against 9¼c. today; ortho cresol, car lots, 17c. against 16½c. per pound and U.S.P., 10¼c. compared with 9½c. per pound in 1939.

Naphthalene.—Effective August 1 refined prices 1c. higher. Situation tight, and shipments steady. June output 7,396,570 pounds, against 6,653,863 in preceding month.

Oil, Shingle Stain.—Moderate demand. Prices underwent no change.

Phenol.—Active interest, business confined to regular consumers. Prices firm.

Pitch, Coaltar. — Steady demand from usual channels. Prices remain firm.

Pyridin.—Good movement against contracts. Quotations without change.

Tar Acid Oils.—Market position tight, inquiries active. Prices firm.

Toluol.—Shipments moved steadily, and market retained its firmness. June output 2,462,158 gallons, compared with 2,482,789 in May and 13,977,472 for first six months this year.

Xylol.—Market remains tight, selling limited. Prices firm.

Chicago Coaltar Bases

Demand for coaltar bases is reported more vigorous. Movement of material is fully up to expectations. Benzol business is in good volume. Ruling prices exclusive of tax are:—Benzol, 90 percent, 14c. to 15c. per gallon; motor benzol, 8c. to 9c.; toluol, 27c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — Shipments moderate. Prices underwent no alteration.

Benzoic. — Steady demand against contracts. Market tone firm.

Broenner's.—Routine inquiry. Prices remain the same.

Cleve's. — Commitments moderately active. Quotations lack change.

Fumaric.—Inquiries and shipments remain steady. Prices rule firm.

Gamma. — Usual consumers made satisfactory replacements to keep market firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

H.—Dealings continued routine. No change occurred in the prices.

Laurent's.—Market in firm position, while transactions held steady.

Maleic.—Demand active, with selling confined to regular channels. Prices firm.

Malic.—Withdrawals moderately active. Prices held firm.

Picramic.—Steady inquiry. No change occurred in the quotations.

Picric.—Buying active. Market position strong.

Salicylic.—Technical grades in good call. Prices underwent no change.

Succinic.—Purchases moderate and steady. Prices remain firm.

Sulphanilic.—Shipments steady. Quotations remain the same.

Tobias.—Market firm. Demand is brisk.

Other Intermediates

Alphanaphthol.—Buying steady by regular trade. Prices firm.

Anilin.—Active demand, selling usually limited to contracts. Prices remain the same.

Anthraquinone.—Consumers made steady replacements. Prices firm.

Benzaldehyde.—Technical grades well taken, and market position firm.

Benzidin Base.—Steady movement against contracts. Quotations unchanged.

Betanaphthol.—Brisk demand, with selling confined to regular sources. Prices rule unchanged.

Betanaphthylamine.—Business good, and market position strong.

Diethylanilin.—Shipments moderate. Pricewise a firm tone prevailed.

Dimethylanilin.—Active buying, with commitments usually restricted to normal needs. Prices underwent no change.

Dinitrobenzene.—Market firm. Buying continued steady.

Dinitrochlorobenzene.—Active interest. Prices failed to change.

Dinitronaphthalene.—Prices are unchanged and firm. Good demand.

Dinitrophenol.—Steady movement against contracts. Prices rule firm.

—Continued on page 36

Chlorine Allocated Under Full Priority

—Continued from page 3

Preference Order signed by E. R. Stettinius, jr., Director of Priorities. The order requires that defense orders to be filled ahead of non-defense contracts and also stipulates that producers must accept defense orders in preference to all non-defense calls.

For the present it is not expected that the volume of defense orders will be greatly increased. Meanwhile, manufacturers are free to make other deliveries if they have sufficient capacity to do so after meeting defense orders. All defense orders which do not bear a higher preference rating are assigned a rating of A-10, thus placing them ahead of orders bearing a lower rating or no ratings.

The annual production of chlorine is estimated at over 700,000 tons. This is ample for defense needs. At present from 30 percent to 50 percent of the producers' output is believed to be going into defense orders.

Principal military uses for chlorines are in bleaching cotton linters for smokeless powder, and in the chemical warfare area, including the production of gasses and smoke screen materials. Principal civilian uses, in the chemical industry, are for bleaching paper, for the production of drycleaning materials, antifreeze compounds, and premium gasolines. About 25 percent of the production has been used recently for bleaching paper, and this use is now being restricted voluntarily by the industry.

In general, chlorine is not essential for the production of paper, but it is necessary for the bleaching of the paper produced. It is expected that certain paper products will be more affected than others. Restrictions in the amount of chlorine for bleaching will affect the coloring of writing papers, gloss and other papers for magazines, and high grade paper for books. Newsprint will be unaffected.

The first horizontal cut of 10 percent accepted by the paper industry will result in a difference of approximately 5 percent in paper shadings. Studies are now being made toward further possible reductions. It is expected that certain civilian uses of chlorine will be exempted from restrictions.

European Chemical Trade 'New Order' Is Planned

—Continued from page 5

of electric current might well be located in Scandinavia. The future European demand for fertilizers for the rehabilitation of agriculture in France, Spain and the Balkans could thus be met mainly by Norway.

France, with its valuable bauxite deposits, would play an increased part in future light metal production, while its important inorganic chemical industry must be extended. Rivers on the Swiss frontier would form a favorable source of power. Spain's task would mainly be the supply of pyrites.

Yugoslavia would develop an electrichemical industry based on waterpower, while Bulgaria and the other Balkan countries would contribute raw materials. The Swiss chemical industry would remain important, while Roumania's oil industry and an industry based on petroleum by-products would be fostered. Italy's highly developed electro-chemical industry and its other inorganic and organic industries would also play their role in their "New Order" in addition to the valuable contribution of mercury and sulphur.

Continental Can Names New District Managers

E. J. O'Connor, manager of sales, general lines, of the Continental Can Company, this city, announced changes and promotions in the general line sales division of the company. Effective immediately, the changes are as follows:—

Eastern District:—G. E. DuCharme is appointed acting local sales manager of the Jersey City sales territory with headquarters at Jersey City; A. Agel, assistant to Mr. DuCharme; J. I. Donahue, assistant local sales manager with headquarters at Baltimore. Wheeling District:—J. H. Bebee, assistant local sales manager with headquarters at Wheeling. Central District:—R. H. Cotter, local sales manager with headquarters in St. Paul; W. B. Larkin, local sales manager with headquarters at White Fish Bay, Milwaukee; W. A. Rooney, assistant local sales manager with headquarters in Tulsa, Okla.; R. W. Franz, assistant local sales manager with headquarters at Cincinnati.

General Dyestuffs Issues Two New Circulars

General Dyestuff Corporation, this city, announces the release of a new circular, under the name of acid cyanine BFA. The company has also released a new circular on vulcan fast orange GRN powder.

Dye Strength Standards Adopted

The following list of standards of strength have been adopted under paragraph 28 of the tariff act of 1930:—

Standard No.	Class index.	Name of standard.	Manufacturer.	Partial list of trade names of imported products commercially identical with each standard.	Manufacturer.
1CA	(D. R.)	Visco Copper Blue EG.....	(S)	.....	.....
Additional names of dyes corresponding to dyes already adopted as standards					
117	(M)	Alizarine Viridine FF.....	(By)	Alizarine Chrome Green V...	(S)
367	(V)	Cibanone Black 2G.....	(J)	Sandothrene Black N2G.....	(S)
5BY	(V)	Cibanone Olive 2B.....	(J)	Sandothrene Olive N2B.....	(S)
4BZ	(D)	Diazol Light Ruby NR.....	(CN)	Diazol Light Bubine NR.....	(CN)
722	(V)	Indanthrene Dark Blue BO.....	(B)	Sandothrene Dark Blue NBO.	(S)
1031	(V)	Thio-Indigo Red B.....	(K)	Tetra Pink B.....	(S)

Changes in List

Orange RR for acetyl cellulose lacquer (J) listed under standard BD; Grasol red GBN (G listed under standard 14 BK are removed from the list.

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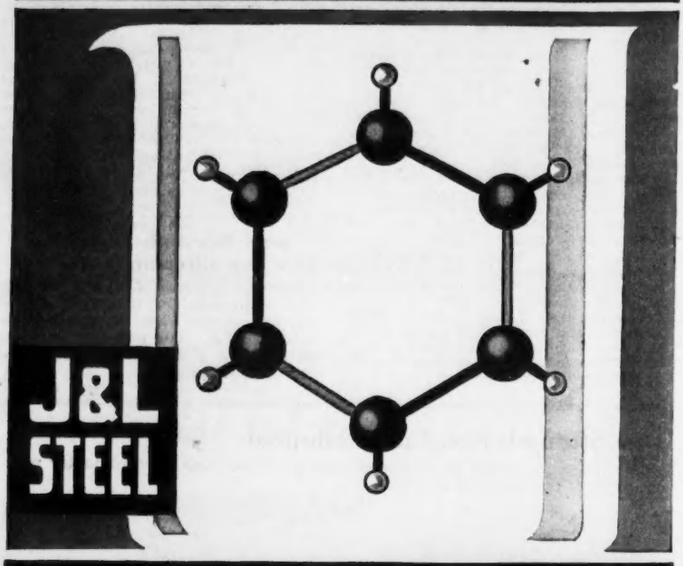

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Coaltar Chemicals

Other Intermediates

—*Continued from page* 35

Dinitrotoluene.—Market tight, buying steady, and prices display firmness.

Diphenyl.—Withdrawals remain steady. Prices were firm.

G. Salt.—Routine movement. No change disclosed in the quotations.

Metanitroparatoluidin.—Market firm. Inquiries steady.

Metatoluyenediamine.—Supplies tight, and business good. Prices held firm.

Monochlorobenzene.—A firm situation prevailed, with selling limited to regular contracts.

Nitrobenzene.—Shipments moved steadily, and market was firm.

Nitronaphthalene.—Transactions continued steady. Prices underwent no alteration.

Orthoanisidin.—Steady demand from usual channels. Prices unchanged.

Orthochloroanilin.—The call was moderately active. Pricewise a firm tone predominated.

Orthochlorophenol.—Firm situation prevalent, and buying held steady.

Orthocresol.—Demand active, business usually restricted to regular contracts. Prices firm.

Orthodichlorobenzene.—Prices remain firm, while takings were steady.

Orthonitroanilin.—Shipments active. Nothing new occurred in the prices.

Orthonitrotoluene.—Dealings steady. Prices lacked any change.

Orthotoluidin.—Inquiries and shipments held active. Prices unaltered.

Parachlorophenol.—Prices unchanged and firm, while buying was well sustained.

Paranisidin.—Shipments moved well against contracts to keep market in firm position.

Paranitroanilin.—Good inquiry. No change developed in the quotations.

Paranitrochlorobenzene.—Transactions steady to regular channels. Prices unchanged.

Paranitrophenol.—Movement remained steady. Prices were the same.

Paranitrotoluene.—Purchases held at good levels. Quotations firm.

Paratoluidin.—Demand good. Pricewise a firm tone predominated.

Phthalic Anhydride.—Tight situation prevailed, shipments usually allocated among regular consuming trade. Prices unchanged and firm.

R. Salt.—Transactions routine. No change took place in the prices.

Thiocarbanilide.—Steady demand. Prices without change and firm.

Toluidin.—Good interest. Quotations held firm.

Xylidin.—Shipments moved steadily to regular contract consumers. Prices firm.

Coaltar Colors

A brisk buying movement prevailed in the market for most coaltar colors last week. Activity in the textile field continued one of the principal sustaining factors. No immediate repercussions are expected to follow from the placing of fund freezing actions by the United States and Japan affecting imports of silk. The hosiery industry has turned its attention to securing substitutes such as rayon, nylon and cotton lisle. Prices situation remains firm.

Consumption of dyes in Nicaragua is small. The domestic textile industry is rather unimportant although there is some production of cotton piece goods and one small factory produces rayon cloth. The industry uses imported dyes, which amounted to 3,900 kilograms in 1940, against 6,000 kilograms in 1939. Of the total the United States shipped 2,400 kilograms last year, against 1,100 in 1939. Only 22 kilograms were credited as coming from Germany in 1940, compared with 3,500 kilograms in 1939.

U.S. Offers to Buy Russian Basic Metals

OPD Washington Bureau
July 29, 1941

The United States has offered to buy substantial amounts of strategic materials from Russia, Jesse H. Jones, Federal Loan Administrator, has disclosed. The United States, Administrator Jones said, was particularly interested in purchases of Russian manganese and chrome. Whether or not the transactions would be made under the lease-lend act appeared to be a moot question. Administrator Jones, however, said that Moscow appears to be well supplied with cash and gold for its purchases.

Junior Chemical Engineers Names Committee Heads

The Junior Chemical Engineers of New York City, has appointed the following committees for 1941-42:—Program, William H. Healey of General Chemical Company; membership, Robert L. Zapp, of the Columbia Carbon Company; publicity, Albert K. Ackoff, of the Westvaco Chlorine Products; and banquet, Richard de Wolfe, of the M. W. Kellogg Company.

Burlap Price Ceiling Seen

A schedule of ceiling prices is to be placed on burlap in the near future as result of an increase of over 100 percent in prices during the past year, Leon Henderson, Administrator, Office of Price Administration and Civilian Supply, stated yesterday. Invitations are being sent to representative individuals in the burlap trade to attend a meeting in Washington next Wednesday to advise OPACS officials in working out details of the ceiling.

Lithia Fluxing Data Given

Leading articles in *Foote-Prints* for June, published by the Foote Mineral Company, Sixteenth & Summer streets, Philadelphia, are "The Fluxing Properities of Lithia, and "Zirconia in Brazil." Analyzes and specifications of the company products are also given.

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Dyestuffs, Textile and Leather Chemicals

Sharp Rise in Egg Products—Far East Situation Confusing —Recent Arrivals of Sago Flour Brings About Easier Tone —Demand Steady But Small Supplies Restricts Offerings

Another sharp upturn occurred in domestic and imported egg products last week. Stocks of domestic albumen and yolk were regarded as low in view of seasonal conditions, together with the large scale purchases by the government. Supplies of imported material were held up on the Pacific Coast pending clarification of the ruling on fund freezing actions by this country and Japan. With the situation so complicated and confused, some sellers withdrew entirely from the market until negotiations on the status of imports from the Far East were completed.

Demand for a number of materials continued steady. The general tightness limited offerings, and sellers endeavored to spread available supplies as far as possible among regular consuming trade. The higher rate of operations in the textile and leather industries resulted in substantial inquiries for chemicals, sizing and tanning materials. Shipping difficulties and high costs restricted business in most of the imported items.

Chemicals

Alumina Acetate.—Offerings limited. Prices retain firmness.

Alumina Chloride.—Tight situation prevalent. Prices rule firm.

Ammonia Bichromate.—Call moderate. Prices without change.

Antimony Salts.—Business restricted. Prices rule firm.

Potash Bichromate.—Shipments confined to regular contracts for normal needs. Prices unchanged and firm.

Soda Bichromate.—Steady demand from regular channels. Quotations firm.

Soda Prussiate.—Demand moderately active. No change disclosed in the prices.

Sulphonated Oils.—Firm undertone, while transactions remain steady.

Potash Prussiate

A sharp decline in imports of red and yellow potash prussiate since the war brought about a substitute for the red and stimulated production of the yellow material. In June, 1940, one prominent producer announced commercial production of a double salt, potash soda ferricyanide, at its new plant, with ample capacity for all domestic needs, and available quantities for export. No license so far is required for export.

Not a great deal enters into the defense needs, finding their principal uses in manufacturing iron blues for printing ink and paint and in calico printing. A small amount is used in case hardening of metals.

A large part of the imports originated from Germany, Italy, France and the Netherlands. Shipments to this country during 1939 amounted to about 420,179 pounds of red prussiate and 55,385 of the yellow, compared with 62,837 and 64,815 pounds, respectively, in 1940. Shipments so far this year has been very light, with only a few hundred pounds reported.

Prices for the red potash prussiate jumped sharply shortly after the War, reaching a high of 45c. per pound, compared with 30½c. previously. Prices were eventually withdrawn when imports stopped, and spot stocks were absorbed. A gradual advance occurred in the yellow, which was quoted at 14c. to 15c. on August 28, 1939, and currently sells for 17c. to 19c. per pound.

Price Changes

Advanced

Egg albumen, cryst., dom., 15c. per lb. yolk, dom., 5c. per lb. imported, 5c. per lb.

Reduced

Sago flour, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
228.4	226.0	224.7	144.8

Market news that may have developed after this report was sent to press will be found on page 4.

Zinc Dust.—Offerings limited. Prices display firm tone.

Dyestuffs

Annatto.—Routine interest. Prices underwent no alteration.

Cochineal.—Usual consumers made necessary replacements as a rule.

Fustic.—A steady interest prevailed, while prices held firm.

Hypernic.—Moderate demand. No change occurred in the quotations.

Indigo.—Call conservative. A firm tone prevailed.

Logwood.—A steady movement continued, and prices remain firm.

Turmeric.—Spot offerings limited. Prices continued nominal.

Sizing Materials

Albumen, Blood.—Demand steady. Prices firm.

Albumen, Egg.—Domestic prices up 15c., ranging from $1.55 to $1.60 per pound. Imports from Far East held up by fund freezing actions.

Corn, Sugar.—Shipments steady. A firm price tone prevailed.

Dextrin, Corn.—Good interest. No change in the prices.

Egg Yolk.—Limited offerings of domestic at 90c. per pound, while imported was 5c. higher at 80c. Some sellers out of market until some clarification is made regarding of Far Eastern arrivals from Japan.

Sago Flour.—Prices ½c. lower ranging from 5c. to 5½c. per pound. Offerings better as some shipments made recently from Far East.

Starch, Corn.—Steady demand. No change occurred in the prices.

Starch, Potato.—Prices without change, while buying was well sustained.

Starch, Wheat.—Shipments moderately active. Prices remain the same.

Tapioca Flour.—Tight situation continues. Prices rule firm.

Tanning Materials

Chestnut Bark.—Demand active. Prices held the same.

Cutch.—Business held to regular consumers. Prices firm.

Divi-Divi.—Firm tone, inquiries reach market steadily.

Gambier.—Prices nominal. Spot offerings remain small.

Hemlock Bark.—Shipments steady. Prices unchanged and firm.

Mangrove Bark.—Moderate inquiry. Prices failed to change.

Oakbark.—Buying held at good levels. Quotations firm.

Quebracho.—Active buying interest prevails. Prices well sustained.

Wattle Bark.—No new price developments. Steady inquiry.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—

American Ass'n Textile Chemists and Colorists, Oct. 31-Nov. 1, Pinehurst, N. C.

Economic Warfare Board Set Up

—Continued from page 5

It is expected that the board will cooperate fully with the British Ministry of Economic Warfare. It will have no administrative duties, but will be given full authority to develop new policies and to coordinate the activities of all agencies charged with the responsibility of administering specific measures.

In addition to Mr. Wallace, the board will consist of Secretary of State Cordell Hull, Secretary of the Treasury Henry Morgenthau, Secretary of War Henry L. Stimson, Secretary of the Navy Frank Knox, Secretary of Agriculture Claude Wickard, Acting Attorney Genera Francis Biddle, and Secretary of Commerce Jesse Jones.

Dyestuffs output in the United Kingdom amounted to 65,000,000 pounds in 1940.

Apex Chemical Adds to Staff

The Apex Chemical Company, this city, has added to its research staff Bernard Rudner, according to Dr. S. M. Hermann, president of the company. Mr. Rudner graduated in 1939 with a B.S. in chemical engineering from Lafayette and received this year his M.S. from New York University. The plant of the Apex Chemical Company is located in Elizabeth, N. J.

Trade Briefs

Edward B. Pratt, managing director of Imperial Chemical Industries (India), Ltd., has been named a Knight Bachelor.

Crude coaltar production in Canada amounted to 32,817,895 imperial gallons in 1940, compared with 27,077,070 gallons in 1939 and 26,081,011 in 1938.

Harbison-Walker Refractories Company, Pittsburgh, has purchased the brick manufacturing plant of the Atens Brick Tile Company, Atens, Tex.

Texas Chemurgic Industries, Inc., Dallas, Tex., plans construction of a plant in Bowie, Tex., for the manufacture of starch and other products from potatoes at a cost of $100,000.

R. C. Crumbaugh has been promoted from assistant manager to manager of the E. I. duPont de Nemours & Co., Inc., Birmingham district. J. D. Lawrence, of Knoxville, Tenn., becomes assistant manager of the Birmingham district. C. J. Perry, long manager of the duPont explosives office in Birmingham, continues his connection with the company as a consultant.

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Tung Oil Extraction By a Solvent Process

—*Continued from page 5*

heat (3, 4, 5, 6). Because of this and because the last traces of solvent are removed from tung oil with difficulty at ordinary temperatures and pressures, the miscella is evaporated at atmospheric pressure only until it contains approximately 30 percent solvent; it is then sprayed into an evacuated system which is composed of a series of steam-jacketed pipes. This serves to remove the last traces of solvent. In view of the sensitivity of tung oil to prolonged heating, a short heating period, limited to the time it takes the oil to pass through a continuous-type evaporator, is desirable.

Generally, continuous extraction is more adaptable to large-quantity production and, due to the relatively greater cost (14), is not suitable for small-scale operations. The extra cost of continuous extraction is somewhat offset by the relatively small operating force required, and the time saved by removal of the necessity for charging and discharging the extractor. The disadvantage of interruption in the operation of batch extraction has been considerably reduced by the judicious connection of a number of extraction towers in series so arranged that towers can be disconnected from or introduced into the series as desired. By such an arrangement the miscella becomes increasingly rich in extracted oil as it flows through the connected towers; it is possible to connect towers containing fresh material at the discharge end of the miscella line, and to disconnect towers containing extracted material (or marc) at the inlet end, without interruption of the extraction process. In this manner considerable time and expense are saved, because a smaller volume of solvent is used and recovered to obtain a given amount of final product. Somewhat the same effect may be obtained with a single extractor by the recirculation of miscella before evaporation of the solvent.

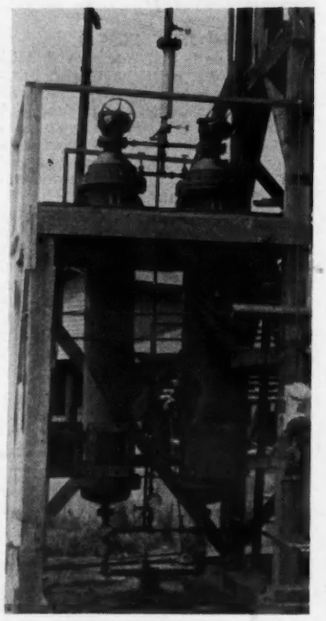
Difficulties in Practice

The character of the material to be extracted frequently determines which system of extraction should be used, although it is sometimes possible to adapt the material to one type or the other by proper preparation.

The complete extraction of oil from tung kernels was found to be difficult, even on an analytical laboratory scale (7). It was found necessary to grind the kernels twice in a small grinder, and then, after the ground sample had been extracted for hours with solvent, to regrind it vigorously for five minutes with seasand and extract for an additional two hours with solvent. Therefore, it seemed unlikely that tung kernels could be ground commercially in such a manner that the oil could be removed by one extraction. However, three commercial firms were able to grind fairly large quantities of tung kernels in such manner that as high as 98 percent to 99.5 percent of the oil in the ground material could be removed by one extraction in the laboratory on an analytical scale.

When these ground materials were extracted in the pilot plant by a batch process, using about 500 pounds of ground kernels, it was found that the efficiency of extraction was much lower than was the case in the laboratory extraction. Undoubtedly, the lower efficiency obtained in the pilot plant was due to improper contact between the ground material and the solvent in the extraction vessel. Much of the solvent flowed through the ground material in channels, allowing portions of the material between the channels to be poorly extracted. This effect, known as channeling, will probably not be encountered in the continuous type of extraction. Therefore, it seems desirable to conduct further studies on ground tung kernels in a continuous extractor, or at least in an extractor in which the charge is agitated so that the solvent contacts all the charge.

The channeling difficulty was not experienced in the extraction of tung presscake by the batch process. This was probably because in the pressing process the bulk of the oil was removed and the material was disintegrated and ground to such an extent that further grinding was unnecessary before extraction. On the other hand, lower yields of oil were obtained when the presscake was finely ground before extraction, which fact was attributed to channeling in the finely



Extraction Towers

ground presscake. Therefore, it is considered better practice to extract the presscake in the form that it leaves the tung oil mill without further grinding.

Tung Oil Has Two Forms

The principal component of tung oil is the glyceride of elaeostearic acid, usually referred to as elaeostearin (5). Elaeostearin is capable of existing in two physical states: one is a white, wax-like solid, called betaelaeostearin; the other is an oil, called alphaelaeostearin (4, 8, 9). The solid form can be readily changed to the liquid by heating, and can be made permanently liquid by heating at the proper temperature for a given period of time. It has been ascertained by experiment that solvent extraction favors the formation of the solid isomer, but the solid form so obtained can be made permanently liquid by the heating process. Such solid tung oil is different from tung oil which has gelled due to complex chemical changes, and the methods for distinguishing between the two are well known.

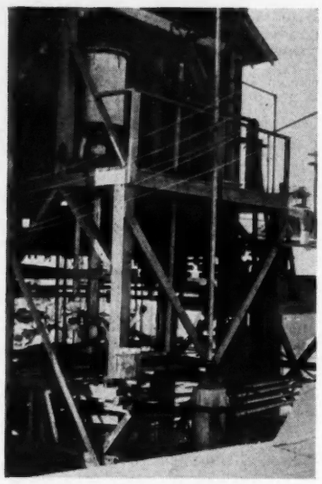
This phenomenon of oil existing in two different states is exhibited by at least one other vegetable drying oil, oiticica (12, 13), the solid form of which now finds use on equal footing with the liquid form. Marcusson (9) has stated that, when solid tung oil is heated to a high temperature with rosin or certain other materials in the manufacture of varnish, the oil is converted into polymerized products which no longer give the beta isomer, but upon drying give an elastic, uniform film. Gardner and Parks (10) found that good films were obtained with oils containing the betaglyceride.

Selection of Solvent

In any solvent extraction process the solvent employed is of considerable importance. In selecting a solvent for industrial use, a number of factors must be considered, the principal ones being freedom from deleterious effect on the oil, cost, ease of recovery, the possibility of separating the solvent from the oil without lowering the quality of the oil, and the absence of hazards to operators.

From the standpoint of obtaining a good grade of oil, it is important to select a solvent which will preferentially extract tung oil to the exclusion of other substances. It is quite possible for a solvent to be capable of extracting other substances contained in tung kernels or tung presscake, thus yielding an inferior grade of oil. As is well known, the value of tung oil lies in the high degree of unsaturation or reactivity indicated by its characteristic chemical structure, that is, three conjugated double bonds in each of the three elaeostearic acid radicals contained in each molecule of elaeostearin. If this unsaturation is diminished in any way, or removed by reason of the reaction of any substance with tung oil, the value of the oil as a drying oil is correspondingly reduced.

The ease of recovering the solvent and the completeness of its separation from tung oil, which are related factors, are dependent to a large extent on the boiling point of the solvent. While it is generally true that solvents of low boiling range are more readily separated from oil than are those of high boiling range, it is a matter of common experience that the last traces of solvents, even of relatively low boiling range, are separated from oil with considerable difficulty (7). Many devices (11) are available commercially for accomplishing this separation; all embody increased heating surface, and in addition a number operate under vacuum. Vacuum stripping is especially desirable in the case of tung oil, where prolonged contact with air



Evaporator

at high temperatures is undesirable. On the other hand, solvents of low boiling ranges are more difficult to recover; consequently from the standpoint of efficiency of operation it is usually necessary to select a solvent with all these factors in mind. Somewhat more latitude is allowable in localities where a large supply of cold water is available.

In a method of analysis of tung fruits (7) the oil is extracted from tung kernels with a solvent which is composed essentially of pentanes and hexanes. It has a boiling range of 95° to 138° F., and meets the specifications of the American Oil Chemists' Society for solvents used in laboratory analytical work in extracting vegetable oils. While this solvent would probably not be recommended for use in large-scale extractions it is satisfactory for laboratory operations, in which it is desirable to ascertain the original quality and quantity of oil contained in the tung fruit.

Evaluation of Solvents

More than thirty of the commercially available solvents were tried out on the same scale as a laboratory analysis under conditions controlled as carefully as possible, for the purpose of ascertaining the quantity and quality of oil which could be obtained by each. A check extraction was made in each instance with the analytical grade of solvent, using samples of tung kernels as nearly alike as possible. Iodine numbers were determined by the Wijs method on the oils obtained. In this way it was possible to compare with a known standard the values obtained on oils extracted with each solvent. Further, in the evaluation of these solvents the ease of separating the solvent from the oil and of recovering the solvent vapors was also taken into consideration. The solvents examined included principally the aliphatic and aromatic hydrocarbons and their substitution products, but it was thought expedient to limit the solvents tested to those having the most desirable boiling ranges.

While the results of this investigation are not conclusive and require further consideration, the unsubstituted aliphatic hydrocarbons appear to provide the largest number of satisfactory solvents. Grades of mixed hydrocarbons, one essentially a normal hexane fraction boiling from 63° to 70° C., and another a mixture boiling from 54° to 71° C., seem most satisfactory from the standpoint of quality and quantity of oil obtained and ease of separation of solvent from oil. One, essentially a normal heptane fraction boiling from 88° to 98° C., gave satisfactory results but was evaporated from the oil with somewhat more difficulty due to its higher boiling range. Solvents boiling within the range 94° to 112° C., and composed essentially of the octane fraction, were somewhat less satisfactory, due to difficulty encountered in evaporation from the oil and the lowering of the iodine value; however, the oil obtained with these solvents was clear and had a good color. Hydrocarbons boiling lower than the hexane fraction probably will not find use for large-scale operations, due to the difficulties in recovery. Several of the substituted aliphatic hydrocarbons, a number of aromatic hydrocarbons, and one ether could probably find use to a greater or less degree, but at this time probably must be ruled out on the basis of cost.

Batch Process Employed

The pilot plant assembled at the Crosby Naval Stores plant for this investigation is of the batch type, and consists of two cylindrical towers, each capable of holding approximately 500 pounds of presscake, a circulating pump, a filter, an evaporator, solvent-storage and separation tanks, a vacuum stripping device for removing last traces of solvent, a steam-operated air ejector for producing a vacuum, and three condensers for recovering solvent vapors, respectively, from the evaporator, from the vacuum-stripping device, and from the marc in the towers after the completion of the extraction.

In operation, the pump draws solvent from the storage tank and forces it upward through the extractor. Screens are placed across the bottom of the extractor to prevent tfhe charge from settling into the solvent supply line and across the miscella outlet at the top of the extractor to prevent the passage of large particles of solid material. The miscella flows from the extractor through a filter, which removes any material fine enough to pass the screen, and thence directly to a steam-heated evaporator, where a partial separation of oil and solvent is effected. Solvent vapors pass from the top of the evaporator through a pipe to a water-cooled condenser, in which the vapors are condensed. The recovered solvent is returned to the storage tank by way of the separation tank. Since tung oil presscake and tung kernels always contain some moisture, this latter tank was placed between the condensers and the storage tank to allow the solvent and water to separate. From time to time solvent is piped from the top of the separation tank into storage, and water is drained from the bottom of the tank.

The tung oil, still containing about 30 percent of solvent, is removed from the evaporator and is passed through an evacuated steam-jacketed pipe. This process removes the remaining solvent from the oil, and since it is done under vacuum, minimizes the possibility of lowering the quality of the oil through chemical change which might take place due to heating in the presence of air. An auxiliary filter, located at the feed end of this vacuum system, removes any foreign matter that may be in the oil as it comes from the evaporator. The vacuum in this system is obtained with an air ejector using steam at a gauge pressure of 125

—*Continued on page* 45

Paint, Varnish, Lacquer Materials

Several Varnish Gum Prices Moved Upward—Tightness at Primary Centers Causes Advances—Casein Strong—Pigments and Dry Colors Active and Unchanged—Turpentine Firm

Most types of natural resins were advanced last week because of tightness in supplies at primary centers. Shipping difficulties, especially for delivery to Singapore, were another factor in the rise. Importers here reiterated supplies in the United States were sufficient for nearby future needs.

Casein showed strength as stocks of both the imported and domestic materials dwindled further. Only small lots of Argentine product were arriving through the week. Glues were tight, with prices nominal. Demand for various driers was heavy, with offerings limited. Synthetic resins were showing price strength.

Pigments and dry colors continued to attract large buying interest. Potential customers were encountering difficulty in obtaining enough material to meet their needs. A large volume of red iron oxide arrived from Spain during the week. Turpentine was firm in Southern and local markets, prices showing a further advance at one time. Rosin was irregular. Primary receipts were below expectations. Business was fairly active.

Metallic Lead and Zinc

Demand for pig lead remained at high levels. Some temporary easing in the supply situation, due to government purchases, but the market was still tight. Prices firm. Sellers of slab zinc continued to report available supplies about 35 percent below estimated civilian needs after defense requirements have been met. No price change was made.

Lead.—Prevailing spot prices at New York, St. Louis and London for the period from July 26 to August 1, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0585@.0590	$0.0570	..* .. ..
Monday	.0585@.0590	.0570	.. .. ..
Tuesday	.0585@.0590	.0570	.. .. ..
Wedn'sd'y.	.0585@.0590	.0570	.. .. ..
Thursday	.0585@.0590	.0570	.. .. ..
Friday	.0585@.0590	.0570	.. .. ..

* London exchange closed.

Red Lead

Present indications are that pig lead soon will be placed on the government's priority list and because of this there is currently a heavy demand for red lead and other lead oxides. Production of red lead in 1940 rose to 42,200 short tons from 39,976 in 1939, and many plants throughout the country have been expanded this year to accommodate ever-increasing armament needs. Sixty-three percent of the 1940 output went into the manufacture of storage batteries.

Along with the increased domestic demand this year there has been a sharp rise in the volume of exports. Shipped from this country in the first four months of 1941 were 1,798,466 pounds of red lead, compared with 969,655 in the similar period last year. Exports in 1940 increased to 2,672,140 pounds from 2,647,536 in the previous year. There were no imports last year or this year, to date, while only two tons came to the United States in 1939.

There has been a steady rise in prices on red lead in the past two years. On August 28, 1939, prior to the actual outbreak of war, the 95 percent material in barrels was 7.60c. per pound for car-lot delivery to New York, while the present price is 8.35c.

Price Changes

Advanced

Gum, copal, ¼c. to 1⅜c. per lb.
dammar, ½c. to 4½c. per lb.
elemi, ⅝c. per lb.

Rosin, gum, 1c. to 3c. per 100 lbs.
Turpentine, gum, 3½c. per gal.
Turpentine, s.d., 4c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.8	129.8	129.8	126.2

Market news that may have developed after this report was sent to press will be found on page 4.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from July 26 to August 1, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0765	$0.0725	..* .. ..
Monday	.0765	.0725	.. .. ..
Tuesday	.0765	.0725	.. .. ..
Wednesday	.0765	.0725	.. .. ..
Thursday	.0765	.0725	.. .. ..
Friday	.0765	.0725	.. .. ..

* London exchange closed.

Pigments

Antimony White.—Broader movement. Demand good. Price steady.

Blue Lead.—Offerings curtailed slightly. Demand fair. Prices firm.

Flake White.—Continued good call. Sales limited. Price firm.

Litharge.—Ordering and inquiries at high level. Prices firm.

Lithopone.—Offerings held down sharply. Demand very heavy. Price firm and unchanged.

Orange Mineral.—In good demand. Material in fair supply. Prices unchanged.

Red Lead.—Similar to other oxides a good buying interest was reported. Contract movement was large. Prices steady.

Titanium Pigments.—Drastic limitation of offerings due to scarcity. Demand heavy. Price firm and unchanged.

White Lead.—Better than normal movement continued. No change in quotations.

Zinc Oxides.—Buyers unable to fill all needs. Offerings small. Prices unchanged.

Fillers and Extenders

Asbestos.—Contract movement remained large. Fair amount of new

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Fed. Production Clubs, Oct. 27-28, Chicago.
Nat. Paint, Varn. and Lacq., Oct. 29-31, Chicago.

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Asphaltum.—Continued good movement noted. Offerings adequate for demand. Prices unchanged.

Barytes.—Market continued to be above normal, with sales running far ahead of last year. Demand brisk. Prices firm and unrevised.

Blanc Fixe. — Large movement against contracts. New business continued to broaden. Prices steady.

China Clay.—Market unchanged from previous week. Demand heavy and prices firm.

Diatomaceous Earth. — Chemically pure and purified materials in heavy demand. Shipments large. Fairly good call reported for natural product. Prices unchanged.

Fullers Earth.—Good call. Price steady.

Graphite.—Heavy demand. Shipments large. Prices steady.

Gypsum.—Normal movement. No prices changed.

Marble Flour.—Buying remained brisk. Quotation steady.

Talc.—Domestic grades moving well. Shipments large. Prices firm.

Whiting.—Offerings tight. Demand heavy. Prices steady.

Woodflour.—Good movement for domestic material. Norwegian product unavailable.

Driers

Producers of stearates and palmitates continued to limit sales and many prospective buyers were unable to fill their needs. Material was very tight and preference was being given to regular customers. Prices were firm to strong.

Lacquer Materials

A broad buying movement continued to characterize business in the market for lacquer materials and solvents last week. No let down occurred in the demand for acetone. Dibutyl phthalate was in heavy call. Brisk movement of isopropyl acetate was still evident. A good demand prevailed for tricresyl phosphate, with orders usually limited to regular consuming trade. Effective August 1, butyl alcohol and butyl acetate, normal and secondary, and ethyl acetate were added to the list of chemicals subject to an export license.

Acetone.—Active demand, selling restricted. Market position tight. Prices unchanged and firm.

Butyl Acetate.—Steady movement continued against contracts. Prices displayed firmness.

Cellulose Acetate.—Shipments moderately active, while no change occurred in the prices.

Dibutyl Phthalate.—Heavy demand, market tight. Prices unchanged and tone firm.

Ethyl Acetate.—Business confined to regular contracts as a rule. Pricewise a firm tone predominated.

Isopropyl Acetate.—Brisk movement, with sellers pressed to make deliveries. Prices firm.

Tricresyl Phosphate.—No let down in buying and sellers continued to take care of regular trade. Prices lacked change.

Shellac

Late in the previous and early in the week under review, shellac in Calcutta turned slightly easier. Moderate downward reactions in prices developed, following which stability appeared to develop and toward the end of the period values seemed quite steady. Importers here showed little interest in offerings.

The local shellac market was fairly quiet. July is usually a quiet month and the early part of the month had rather more than normal activity. Hence, the present recession in activity was more or less expected and, in some instances, may have been welcomed as a respite. Quotations remained very steady, the recession in Calcutta being insufficient to affect local prices.

Naval Stores

Southern and local markets for rosin and turpentine were fairly active last week, though some buyers were disposed to adopt a more conservative course for a time, pending definite action at Washington with respect to the expected increase in rosin loan values. The proposed legislation regarding commodity price fixing also had a tendency to make some consumers curtail purchases. Receipts and offerings in primary markets were generally moderate, however, and despite some irregularity in prices, the prevailing undertone in the South was still regarded as firm. It was announced that after July 31 the CCC will not accept bilge type drum containers weighing over 500 pounds gross weight.

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According to official statistics, exports of gum rosin during five months ended with May were 46,550,309 pounds against 95,524,000 pounds in the same time last year; wood rosin, 54,511,587 pounds against 76,192,500 pounds; gum turpentine, 1,767,110 gallons against 2,301,535 gallons; wood turpentine, 691,595 gallons against 1,139,397 gallons; pine oil, 679,445 gallons against 970,707 gallons; tar and pitch of wood, 7,974,327 pounds against 15,744,733 pounds.

Turpentine.—A further advance occurred at one time in primary prices and the ruling tone here continued firm. A fairly active demand was noted for small or moderate lots.

SAVANNAH, Aug. 1.—Following is a record of the turpentine market for the week:—

	Gallons	Barrels			
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Saturday*	..	...	...	...	...
Monday	47	16,100	38	146	14,718
Tuesday	46½	12,200	561	277	15,002
Wednesday	47	9,850	217	1	15,218
Thursday	47¾	10,900	195	...	15,413
Friday	49¼	6,850	145	67	15,491

* No trading.

JACKSONVILLE, July 30.—Turpentine stock 11,086 barrels.

PENSACOLA, July 26.—Turpentine stock 9,356 barrels.

Chicago—Aug. 1

Turpentine active. Five-drum lots, 56c. per gallon; five wood barrels, 61c.; single drums, 59c.; single barrels, 64c.

Rosin.—Local prices showed irregularity at times, but changes were generally within comparatively small limits in company with developments in the South where the undertone was still regarded as firm. Business here fairly active.

SAVANNAH, Aug. 1.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$2.36	$2.32	$2.31	$2.34	$2.34
D	...	2.36	2.32	2.31	2.34	2.38
E	...	2.36	2.32	2.31	2.34	2.38
F	...	2.36	2.32	2.31	2.34	2.38
G	...	2.36	2.32	2.31	2.34	2.38
H	...	2.38	2.32	2.34	2.35	2.39
I	...	2.38	2.30	2.32	2.35	2.40
K	...	2.45	2.35	2.35	2.37	2.42
M	...	2.45	2.40	2.36	2.39	2.45
N	...	2.50	2.35	2.38	2.40	2.45
WG	...	2.55	2.52	2.54	2.57	2.52
WW	...	2.83	2.82	2.83	2.85	2.88
X	...	2.83	2.82	2.83	2.85	2.88
		Barrels				
Sales	...	16	695	632	772	776
Receipts	...	1,174	864	766	372	610
Shipments	...	2,381	1,920	1,147	...	1,178
Stocks	...	...	...	...	...	130,332

* No trading.

JACKSONVILLE, July 30.—Rosin stock 304,177 barrels.

PENSACOLA, July 26.—Rosin stock 27,652 barrels.

Chicago—Aug. 1

Demand for rosin continues quite good. B grade, $3.22 per 100 pounds net; G grade, $3.45; M grade, $3.47; W. W. grade, $4.03.

Other Naval Stores

Pine Oil.—Steady demand from local and other consumers. Market firm.

Pitch.—Increased request for moderate lots. Stocks light. Tone firm.

Rosin Oil.—Buying stimulated by recent developments in basic material.

Tar.—Contract movement steady. New business more active. Prices maintained.

Dry Colors

Alkali Blue Toner.—Good demand. Price firm.

Bone Blacks.—Heavy demand reported. Shipments large. Offerings normal. Prices steady and unrevised.

Carbon Blacks. — Insistent and heavy demand from contract customers and new buyers. Curtailment of rubber tire production is not expected to affect sales of this ingredient. Prices firm.

Chrome Colors. — Large demand. Prices steady and unrevised.

Iron Oxides.—Large demand, with

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4. PETROLEUM-SOLUBLE
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PENNSYLVANIA INDUSTRIAL CHEMICAL CORPORATION
CLAIRTON, PENNA.
Representatives in Principal Cities
MAKERS OF:
Coumarone Resins
Coal Tar Naphthas
Rubber Plasticizers
Reclaiming Oils

Pennsylvania Industrial Chemical Corporation, Clairton, Pa.
Gentlemen: Please send me a sample of PICCOLYTE for
.....
Name.....
Company.....
Address.....

offerings smaller due to depleted stocks. Regular customers given preference. Prices steady.

Mercuric Oxides.—Market continued to run ahead of last year. Demand good. Prices steady.

Oehers.—No changes from previous week. American material in large call. Prices steady.

Siennas.—Supplies tight. Prices unchanged.

Vermilion.—Large demand. Price firm.

Glues and Binders

Casein.—Domestic and Argentine products very tight. Offerings curtailed. Prices strong.

Glues.—Stocks very low. Few offerings. Prices nominal.

SLC

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD
ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

FOR GILSONITE SEE BARBER!

"Selects" and "Standard" grades. High and low melting points. Clean and uniform. Carload shipments available from Craig, Colorado, and Madison, Illinois. Convenient warehouses for less-than-carload shipments.

BARBER ASPHALT CORPORATION
BARBER, NEW JERSEY

Varnish Gums

Consumers of natural resins continued to show good interest in offerings and better than normal amounts were moving to buyers. Stocks were reported adequate for immediate needs. Several price advances, ranging from ¼c. to 4½c. per pound, were reported.

Synthetic Resins

The demand for all synthetic resins remained very heavy last week, with certain types and grades becoming increasingly difficult to obtain. Many producers were offering in cautious manner and others were limiting sales sharply. Some other products were unobtainable. Ester gum movement was large, with price unchanged.

Plastic, Coldwater Paint, Calcimine Sales Mixed

Sales of plastic and coldwater paints and calcimines reported by sixty manufacturers to the Bureau of Census for June, 1941, were as follows:—

Plastic Paints

	June 1941.	June 1940.
Paste	153,766	$17,865
Dry, casein bound	382,905	26,823
glue bound	175,385	8,660
Totals	712,056	$53,348

Coldwater Paints

Exterior lime or cement-bound	1,488,744	$100,572
casein-bound	526,320	30,209
Interior, casein-bound paste or semi-paste form	*380,943	391,571
dry-powder form	1,735,971	122,129
glue-bound	324,352	11,639
Totals		$653,297

* Gallons.

Calcimines

Hot-water	1,579,884	$66,356
Cold-water	2,977,428	135,326
Totals	4,557,312	$201,682

Sales of these products for June, compared with the corresponding period of 1940, were as follows:—

	1941.	1940.
Plastic paints.....lbs.	712,056	543,287
value.	$53,348	$42,880
Cold-water paints..value.	$653,297	$522,778
Calcimines .....lbs.	4,557,312	5,749,173
values.	$201,682	$247,308

Lacquer Sales Up

Sales of clear lacquers, pigmented lacquer bases and dopes, and thinners by 158 manufacturers, as reported to the Bureau of Census for the second quarter of 1941 and a comparison with the corresponding period of 1940 were as follows:—

	1941.	1940.
Clear lacquers...gals.	3,692,826	2,696,528
value.	$4,831,684	$3,701,238
Pigmented lacquers.. gals.	4,500,855	3,229,269
value.	$10,163,470	$7,364,200
Lacquer bases and dopes .....gals.	921,404	607,983
value.	$1,029,944	$653,528
Lacquer thinners.gals.	7,398,663	5,252,043
value.	$5,064,016	$3,398,671
Totals.....gals.	16,513,748	11,785,823
value.	$21,089,114	$15,317,673

Pathe to Sell Interest In duPont Film Corp.

The Pathe Film Corporation, this city, directorate has passed appropriate resolutions to permit the company to dispose of its holdings in the duPont Film Corporation to E. I. duPont de Nemours & Co., Wilmington, according to Kenneth Young, president of the Pathe company. The duPont Film organization has been jointly owned by Pathe company and the duPont company.

Paint, Varnish, Lacquer Sales: June

The value of paint, varnish, lacquer and fillers sold in June as reported by 680 establishments to the Bureau of Census, was $54,336,429. Details of sales reported by these establishments and comparative data for 1940 follow:—

1941.	Total sales reported by 680 establishments.	Classified sales reported by 580 establishments: Trade sales of paint, varnish, and lacquer.	Industrial sales: Total.	Industrial sales: Paint and varnish.	Industrial sales: Lacquer.	Unclassified sales reported by 100 establishments.
January	$34,604,629	$16,314,158	$15,092,044	$10,777,855	$4,314,189	$3,198,427
February	33,690,870	15,767,081	14,973,684	10,385,374	4,588,310	2,950,105
March	40,185,294	19,565,515	17,033,354	12,124,491	4,908,863	3,586,425
April	51,963,528	27,972,286	19,266,308	13,858,056	5,408,252	4,724,934
May	58,413,147	32,517,730	20,544,155	15,044,905	5,499,250	5,351,262
June	54,336,429	28,049,452	21,022,220	15,305,245	5,716,975	5,264,757
Total (6 Mos.)	$273,193,897	$140,186,222	$107,931,765	$77,495,926	$30,435,839	$25,075,910
1940.						
January	$28,666,635	$13,549,867	$12,317,340	$8,369,445	$3,947,895	$2,799,428
February	26,537,573	13,042,764	11,146,277	7,584,649	3,561,628	2,348,532
March	31,592,093	16,144,606	12,639,821	8,681,802	3,958,019	2,807,666
April	37,656,398	20,188,957	13,849,723	9,851,848	3,997,875	3,617,718
May	43,467,222	24,943,448	14,150,310	10,146,311	4,003,999	4,369,464
June	37,897,861	21,718,413	12,582,231	9,052,581	3,529,650	3,597,217
Total (6 Mos.)	$205,813,782	$109,588,055	$76,685,702	$53,686,636	$22,999,066	$19,540,025
July	$35,553,580	$19,573,840	$12,732,233	$9,611,083	$3,121,150	$3,247,507
August	36,441,511	19,302,935	13,651,210	9,703,492	3,947,718	3,487,366
September	35,327,356	18,416,711	13,458,969	9,237,834	4,221,135	3,451,676
October	39,179,174	19,638,441	15,953,121	10,759,348	5,193,773	3,587,612
November	31,892,256	15,115,083	14,048,944	9,578,739	4,470,205	2,728,229
December	28,308,153	12,520,203	13,434,963	9,141,234	4,293,729	2,352,987
Total (Year)	$412,515,812	$214,155,268	$159,965,142	$111,718,366	$48,246,776	$38,395,402

Trade Briefs

Columbian Carbon Company, carbon black manufacturer, this city, will build a plant at Hobbs, N. M.

Carr-Lowrey Glass Company, Baltimore, is planning a one-story addition to its office.

United Zinc Smelting Company plans to expand its production at Moundsville, W. Va., from 950 to 2,150 tons monthly.

Waxaid Company, manufacturer of polishes, Baltimore, is building a new plant to replace one recently destroyed by fire.

Sherwin-Williams Company plans an addition to its warehouse erected at 3170 East Pico boulevard, Los Angeles, Calif., costing $5,000.

Cincinnati Paint Club's golf team hung up an average medal score of 80½ at the Western Hills Country Club in competition for the DeLore trophy.

F. J. William Struven, jr., has been elected vice-president of Albert W. Rhine, Inc., distributor of paints and allied products at 416 North Howard street, Baltimore.

"Ampripol," synthetic rubber made by the B. F. Goodrich Company, Akron, will be used in a new-type hose for protecting vital fuel systems of combat airplanes.

C. F. Beatty, president of the Socony Paint Products Company, has reported, as chairman of the paint section of the Greater New York Fund, contributions of $10,500 compared with $8,000 last year.

Pathe Film Corporation and E. I. duPont de Nemours & Co., Wilmington, are carrying on negotiations looking toward the purchase by the du Pont company of Pathe's interest in the jointly owned duPont Film Manufacturing Corporation.

N.J. Zinc Co. Magazine Discusses Traffic Stripes

Paint Progress, published by the New Jersey Zinc Company, this city, in the quarterly issue just released features the following articles:—

"Emulsions Join the 'Water' Paints," "Trends in Traffic Stripes," "Dairy Barn Painting," and "Looking Into Pigments With X-Rays."

Chicago Production Club Discusses Defense

Thirty-nine members attended the July meeting of the Chicago Paint and Varnish Production Club. The question of the club furnishing lecturers for the Chicago Paint Salesmen's Club educational series was discussed. Lecturers on the following subjects were assigned:—Flat paint; house paint; interior primers; enamel, interior or exterior; wall paint; varnishes; floor paints; water paints; stains and fillers, and removers.

The meeting also featured a round table discussion on defense problems led by Bryan Husted, chairman of the project work for the Chicago club.

Tin Price Ceiling Seen by Henderson

—*Continued from page* 3

high prices. Higher prices for tin in the United States will not increase supplies, Mr. Henderson pointed out, because the supply problem is one of shipping.

The government buying price of 50 cents a pound established by the Metals Reserve Company is a fair one, Mr. Henderson said, and it is hoped that prices will stabilize quickly around that level. The current price for tin is approximately 55 cents a pound, having increased about 2 cents a pound in the last few days, during which time the price of tin in the Far East has been declining.

Tin Inventories High

The Office of Production Management on July 28 sent the following telegram to tin consumers in the United States:—

Tin consumers were requested in July, 1940, to assist in the general accumulation of stocks in the United States, and prompt cooperative action on their part assisted this accumulation. Due to the unstable conditions of the tin market at present time, preventing further acquisitions to the government stockpile, the Office of Production Management now requests consumers not only to refrain from increasing their stocks but also to cease replacing their current consumption until such time as the increase acquired by them since June, 1940, is reduced by one-half.

Baltimore Paint Works Plant Damaged by Fire

Baltimore, July 26, 1941

Fire today swept the plant of the Baltimore Paint & Color Works when a 100-gallon tank of alcohol ignited and exploded. One employee was burned seriously and another was slightly injured. No estimate of damage was given.

Solvent Reclamation Plant Established by A.E. Rogers

The Allen E. Rogers Corporation has been formed by Allen E. Rogers, with offices, laboratory and works in the Atlas Terminal, Glendale, L. I. The new company will deal especially in the reclamation of waste solvents. The company will also manufacture some specialties and chemicals on contract.

mineral pigments

NATURAL AND SYNTHETIC

PURE CHROMIUM OXIDES
are
STRONG - INERT - PERMANENT

C K WILLIAMS & COMPANY
EASTON·PENNSYLVANIA

Oil, Fats, and Waxes

Chinawood Oil in Light Supply and Higher—Sales of Perilla at a Further Advance—Oiticica and Rapeseed Firmer —Cottonseed Oil Futures Irregular—Trade Quiet

A generally firm tone featured the market for miscellaneous oils, fats and greases last week. Changes in prices were not very numerous but advances were recorded in some imported and domestic products. The REPORTER's index number showed a moderate advance for the week. There was not much snap to business, consumers being disposed in many cases to limit their takings to small quantities, pending further developments, especially as to proposed legislation in connection with price fixing of commodities. On the other hand supplies of many foreign and domestic products were light and in the case of imported commodities at least, much uncertainty existed as to future supplies and replacement costs.

Vegetable Oils

Castor, Dehydrated.—Contract movement steady and liberal. New business good. Market firm.

Chinawood.—Strength of primary situation reflected here. Quotations advanced ½c. to ¾c. Offerings light. Inquiries numerous. Imports last week 616 tons at New York; 100 drums at San Francisco.

Coconut.—Spot offerings limited. Quotations nominal. September 7¼c. per pound, tankcars; October forward, 7c. Copra nominally ½c. higher. Refined oil steady. Fair demand.

Corn.—Crude and refined offerings light. Quotations nominal.

Cottonseed.—Edible oil steady. Demand good.

Oiticica.—Tankcars, 20c. per pound, up ½c. Good inquiry. Spot stocks light.

Olive.—Imported oil remained firm. Stocks light and diminishing. Future supplies uncertain. Domestic edible offerings somewhat freer at concessions of 20c. to 25c. Inquiry fairly active.

Palm.—Sumatra oil for distant shipment in bulk was quoted at 4½c. to 4⅝c., the figures being merely nominal. Resale oil in tanks was reported to have sold recently at from 6¼c. to 6½c. per pound.

Peanut.—Offerings light. Quotations nominal. Inquiry fairly active.

Perilla.—Sales reported at 20c. per pound, tankcars, up 1c.

Rapeseed.—Quotations up ¼c. Inquiry fairly active. Spot stocks diminishing.

Soybean.—Tone easier, here and West. Quotations reduced ⅜c. Trade fairly active.

Teaseed.—Scarce and stronger. Crude reported sold at 24c. per pound; refined, 27c.

Price Changes

Advanced

Carnauba wax, No. 3 chalky, 2c. per lb.
No. 3 North Country, 2c. per lb.
refined, 4c. per lb.
No. 1 yellow, 2c. per lb.
No. 2 yellow, 3c. per lb.
Chinawood oil, ½c. to ¾c. per lb.
Copra, ½c. per lb.
Japan wax, 5½c. per lb.
Lard oil, ¼c. to ½c. per lb.
Neatsfoot oil, medium grades, ¼c. to ½c. per lb.
Oiticica oil, ½c. per lb.
Perilla oil, 1c. per lb.
Rapeseed oil, ¼c. per lb.
Teaseed oil, 1c. to 2½c. per lb.

Reduced

Lard, 10c. to 25c. per 100 lbs.
Soybeanoil, ⅜c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
163.5	**161.8**	**161.2**	**100.2**

Market news that may have developed after this report was sent to press will be found on page 4.

There was no trading in soybean oil futures in the New York Produce Exchange, from July 28 to August 1, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
October	...	...	9.15 bid
December	...	...	9.15 bid

Markets at Other Centers

Chicago—July 31

Vegetable oils quieter.

Coconut.—Refined, edible oil, 13c. to 13½c. per pound, drums, car lots; 13½c. to 14c., drums, less than car lots.

Corn.—Refined, edible oil, 14¼c. to 14½c. per pound, drums, car lots; 14½c. to 15c., drums, less than car lots.

Soybean.—Crude, July-forward, 9⅜c. to 9½c. per pound; new crop, 8⅞c. to 9c.

The market for soybeans on the Chicago Board of Trade was fairly active. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing— Aug. 1.	July 25.
Cash, No. 2.	$1.50	$1.50	....	$1.40
October	1.42⅞	1.37⅞	1.39⅞	1.39⅛
December ..	1.43½	1.38⅛	1.40	1.39⅝

San Francisco—July 30

Vegetable oils active and firm.

Coconut.—Large transactions reported, starting at 6 cents. Market today is 6¼c. per pound, in tankcars, f.o.b. Pacific Coast ports and/or mills. Copra 4c.

Chinawood.—Supplies scarce. Syndicate oil quoted at 31c. per pound in tankcars, f.o.b. Pacific Coast ports. Drums of "free" oil 35c. here, although Hongkong quotation is above this today.

Oiticica.—Stronger. Solid oil 19½c. per pound in drums; liquid at 20½c. per pound, f.o.b. San Francisco.

Babassu.—Stocks light. Quoted at 9¼c. per pound in tankcars, f.o.b. Pacific Coast mills.

Cottonseed.—Crude 11c. per pound in tankcars, f.o.b. northern California mills.

Palm, Crude.—Supplies very light. Last quotation 5¾c. to 6c. per pound in tankcars, f.o.b. Pacific Coast ports.

Palm Kernel.—No offerings this week. Nominal at 6¾c. to 7c. per pound in tankcars, f.o.b. San Francisco.

Perilla.—Supplies diminishing. Sales in drums at 21c. per pound last week.

Rapeseed. — Argentine oil, denatured and refined, August-September shipment from the Pacific Coast quoted 10¾c. per pound, tankcars.

Linseed Oil

Flaxseed price trend upward in domestic markets. Linseed oil and meal steady. Flaxseed imports at New York last week, 62,315 bushels.

Flaxseed—DULUTH, Aug. 1.—Flaxseed price trend upward. Crushers good buyers of cash seed. This demand has been heavy enough to overcome the possible weakening influence of excellent crop news, for a large yield is indicated with few setbacks so far. Some lodged flax in southwestern Minnesota will be difficult to harvest and considerable loss will be experienced, and rust has appeared in some other sections, but in general the prospect is good.

The week's closing flaxseed price range was as follows:—

	Cash.	Sept.
Saturday	$1.84½	$1.84
Monday	1.86¼	1.85¼
Tuesday	1.89¼	1.88¼
Wednesday	1.92½	1.91½
Thursday	1.92	1.91
Friday	1.90	1.89

Crop movement in bushels follows:—

	—Receipts— 1941.	1940.	—Shipments— 1941.	1940.
This week..	45,515	5,299	189,450	12,268
Since Aug.	1.11,367,642	4,711,647	9,061,051	4,363,222

MINNEAPOLIS, Aug. 1.—Tone of the local cash flax market continued firm to strong on the average, and demand for offers held good here and at diversion points. So far there has been no interference with the movement of flax from country points in spite of the embargo that was placed against shipments of grain to terminals. Receipts are holding up well, and so far two cars of new flax

Sardine Oil

The California sardine season opened last week at the highest prices recorded for many years past, sales having been reported recently at 60 cents per gallon for crude oil which compares with 37 cents a year ago and 22 cents in August, 1939. The abnormally high prices now prevailing are attributed mainly to increased consumption, especially in the vitamin industry which is now consuming unusually large quanties of both crude and refined oil. A strong upward trend in other oils has also contributed to bring about unusually high prices for sardine oil.

Last season production of sardine oil was materially curtailed by a long delay in getting fishing operations under way due to labor troubles which prevented the fixing of prices to be received by the fishermen until the season was far advanced. The prices to be paid this year were fixed well in advance of the opening of the season at a substantial advance over the previous season, but not a little uncertainty exists as to the probable output this year. Weather conditions will have some effect upon the output as usual but a new factor in the situation in this respect is the taking over by the government of a number of fishing vessels for use in the defense program.

Estimates of the quantity of sardine oil contracted for thus far this season range from 900 tank cars upward. This oil has been sold on a when-and-if-made basis.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND (*distilled*)
STAR BRAND (*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

Stearic Acid Oleic Acid Fatty Acids
(RED OIL)
A. GROSS & CO., 295 Madison Avenue, New York, N. Y.
ESTABLISHED 1837 ASHLAND 4-8251
FACTORY: NEWARK, N. J. CABLE: GROSSRAY

MENHADEN OIL
Light Cold Pressed
Alkali Refined Kettle Bodied
Dark Pressed
Commercial Grades
Fish Oil Stearine
THE MENHADEN FISH PRODUCTS COMPANY
108 East York Street Baltimore, Maryland

EMERY
America's largest producers of
STEARIC and OLEIC ACIDS
All Grades Saponified and Distilled
FATTY ACIDS • GLYCERINE • PITCH
SPECIAL FATTY ACID DERIVATIVES
Since 1840
EMERY INDUSTRIES, INC.
Originators of Twitchell Process
New York CINCINNATI, OHIO Lowell, Mass.
Stocks in All Principal Cities

have been received, one from Iowa and one from southern Minnesota. Quality of the Iowa flax was good, but that from Minnesota territory did not equal quality produced in the same territory last year. Rumors that farmers will be given loans on flax on the basis of $2 per bushel persist, but so far no action had been taken. It was expected that action would be taken on the Argentine flax import duty last Saturday, on return of the Argentine ambassador to this country, but so far nothing has developed.

Total deliveries on Minneapolis July flax contracts to date, 69,000 bushels.

The week's closing flaxseed price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.84½	$1.83½	$1.87¼
Monday	1.86¼	1.85¼	1.88½
Tuesday	1.89¼	1.88¼	1.91½
Wednesday	1.92½	1.91½	1.95¼
Thursday	1.92	1.91	1.94½
Friday	1.90	1.89	1.92¼

Crop movement in bushels follows:—

	Receipts—		Shipments—	
	1941.	1940.	1941.	1940.
This week..	138,600	28,000	22,450	4,200
Since Sept. 1.	12,408,600	4,153,600	2,208,250	2,338,100

WINNIPEG, Aug. 1.—The week's closing flaxseed price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.54	$1.45¼	$1.43¾
Monday	1.51	1.43⅝	1.43
Tuesday	1.50½	1.45⅝	1.45
Wednesday	1.48½	1.43¼	1.43
Thursday	1.48	1.47	1.43
Friday	1.41½	1.40	1.40½

BUENOS AIRES, Aug. 1.—Flaxseed, September, 74⅝c. per bushel. Exports this week 555,000 bushels, all to the United States. Total since January 1, as follows:—

To—	Bushels— This year.	Last year.
United States	10,326,000	8,668,000
United Kingdom	940,000	5,837,000
Continent	618,000	11,856,000
Orders	.....	606,000
Others	930,000	680,000
Totals	12,814,000	27,647,000

Visible Supply

	Bushels.
Last week	16,535,000
Previous week	15,748,000
Last year	5,118,000

Linseed Oil.—Domestic markets for flaxseed had an upward trend last week and the linseed oil tone here appeared to be steadier. There were reports of a somewhat better inquiry and the movement on contracts apparently held up well. Cash flaxseed was in good demand in Northwestern markets and offerings were well absorbed, chiefly by crushers. Flaxseed crop news was generally favorable. There were complaints of abnormally high temperatures in some sections but reports were mainly to the effect that the crop was making satisfactory progress. In some sections the work of cutting and threshing was under way. Crop news from Argentina continued good. An official government estimate of the area under cultivation in that country will be issued shortly and some expect that the figures will show a reduction as compared with the previous season.

MINNEAPOLIS, Aug. 1.—Reports on oil trade vary but average of business is pretty good with buyers still aggressive. Sales for shipment up to the end of the current year vary from day to day. Buyers still are waiting on crop news and action on the import duty on Argentine flax. Quotations on tankcar lots, f.o.b. Minneapolis, 10c. per pound; cooperage, car lots, 10.9c. per pound; warehouse lots, 11.3c. per pound.

Shipments of oil in pounds were as follows:—

	1941.	1940.
This week	5,450,000	3,800,000
Since Sept. 1	185,390,000	143,130,000

SAN FRANCISCO, July 30.—Flaxseed croop is coming in nicely in all sections. Oil quoted:—Tankcars, 9.8c. per pound; drum lots ex mill, 10.7c.; drum lots ex warehouse, 11.1c.

Cake and Meal.—The market had a steady tone. Contract meal movement steady. New business more active.

MINNEAPOLIS, Aug. 1.—Demand for meal still is good and prices are ruling firm. Buyers are taking all offers for shipment from now to the end of the year and considerable business is being done for shipment up to the end of next March.

Linseed meal for July-December shipment is quoted at $32.50 to $33 and for January forward at $33 to $33.50.

DISTILLED
FATTY ACIDS
Tallow Fatty Acids
Cocoanut Fatty Acids
Cottonseed Fatty Acids
HYDROGENATED FATTY ACIDS
(Rufat 52)
STEARIC ACID
RED OIL
(Oleic Acid)
WILSON & CO. INC
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

Shipments of meal in pounds were as follows:—

	1941.	1940.
This week	6,600,000	5,440,000
Since Sept. 1	343,051,000	189,040,000

Cottonseed Oil

Refined cottonseed oil futures irregular. Crude oil offerings continued light. Crop news better.

Cottonseed Oil.—The market for refined oil futures was irregular in company with other commodities, the general trend being upward early in the week, with a downward drift later after which tone turned steadier. Trading was on a small scale much of the time, as there was a disposition among many local and other operators to await further developments in the situation, especially as to government control of prices. Commission houses were on both sides of the market in a small way. Trade interests were credited with the taking in of hedges through purchases of near months. There was some selling of distant positions, supposedly against purchases of other commodities.

Offerings of crude oil were light and quotations were still mainly nominal, ranging from 10½c. to 11c. Copra and coconut oil were firmer, with a better inquiry reported on the Coast for oil owing to Far Eastern developments. Soybean oil was easier although demand was better. Hog prices had a downward tendency at times despite moderate receipts. The weight of the hogs received in Chicago during the week ended July 26 averaged 246 pounds against 240 pounds in the previous week.

Cotton crop news was more favorable on the whole although there were many reports to the effect that weevil activity was on the increase and that the situation in some sections was becoming serious especially as there was a shortage of poison for fighting the pest. There were fewer complaints of excessive rainfall while in the extreme Southwest ginning of new cotton was under way.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 28 to August 1, inclusive, comprised 501 contracts. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.	
January	11.74	11.43	11.45	sale
September	11.98	11.51	11.66@11.68	
October	11.83	11.40	11.49	sale
December	11.76	11.30	11.46	sale

CHICAGO, July 31.—Cottonseed oil is quiet. Refined, edible, is 13¾c. to 14c. per pound, drums, car lots: 14¼c. to 14½c., drums, less than car lots.

Cake and Meal.—Better inquiry reported in some sections. Offerings continued light. Tone steady or firm.

Markets at Other Centers

Atlanta—July 30

Prime crude cottonseed oil quoted nominally 10½c. to 11c. per pound. Eight percent meal advanced to $34 to $34.50 per ton. Crop conditions have improved slightly as the frequency of rains has slowed up, but weevil conditions are considered serious. Calcium arsenate scarce.

Memphis—July 31

A few scattered lots of crude cottonseed oil sold this week at 10¾c. per pound, Valley basis. Stocks about exhausted. Meal, 41 percent, $33.30 per ton, Memphis. Bulk cake, $29.50 per ton, Valley. Bulk hulls, $5.50 per ton; sacked, $8.50. Cotton crop now making fair progress in this section. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 24.	July 31.
September	$31.95@—	$32.00@32.50
October	32.15@32.50	32.15@32.40
December	32.75@—	32.25@32.65
January	32.95@—	32.50@—

Closing soybean meal futures:—

October	$29.00@29.35	$28.25@28.65
December	29.00@—	28.25@—
January	28.90@29.00	28.00@28.30

Fatty Acids

Castor Oil.—Cosmetic and shampoo trades good buyers. Prices maintained.

Coconut Oil.—Firmness of crude material reflected in market for fatty acid.

Cottonseed Oil.—Purchasing generally limited to moderate lots pending new developments in basic material.

Linseed Oil.—Consumption of this acid in resins and soaps reported increasing.

Palm Oil.—Firm position of raw material reflected in fatty acid market.

Soybean Oil. — Quieter owing to easier position of crude material. Acid prices maintained.

Stearic Acid.—Output moving steadily into local and outside consuming channels.

Chicago—July 31

Fatty acids remain in good demand. Corn oil, double distilled, 14c. to 14½c. per pound, tankcar; 14½c. to 15c., drums, car lots; 15c. to 15½c., drums, less car lots; coconut oil, acidulated, 15c. to 15½c. per pound, tankcar; 15½c. to 16c., drums, car lots; 16c. to 16½c., drums, less car lots; cottonseed oil, double distilled, 13c. to 13½c., tankcar; 13½c. to 14c., drums, car lots; 14c. to 14½c., drums, less car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3⅝c.; boiled down soap stock, 65 percent basis, 4½c. to 4⅝c.; cottonseed foots, 50 percent basis, 3½c. to 3⅝c.

Fish Oils

Menhaden.—Refined quotations maintained at former levels. Increased request for moderate lots.

Sardine. — Strength of crude reflected in local refined market. Trade fairly active.

Sperm.—Steady movement of moderate lots to local and outside buyers. Tone firm.

Whale.—Purchasing of refined generally limited to comparatively small lots. Market firm.

Markets at Other Centers

Baltimore, July 30.—Crude menhaden oil quiet. Quoted nominally 60c. per gallon, tankcars. Fishing continues to improve. Oil content of fish also increasing.

San Francisco—July 30

Crude California sardine oil steady at 60 cents per gallon in tankcars; sales for nearby delivery at this figure. Further business also transacted in Oregon and Washington fish oils at 60 cents per gallon.

California's season will open here on August 1, exactly on schedule, a large fleet of fishing boats being prepared to put on this Friday evening. It will be the first time in years that operations have started at the beginning of the season.

Better than 3,000 tons of fish were brought in last week in the Oregon-Washington operations and production is considerably better. Alaskan operations are said to be progressing "normally."

Fats and Greases

Grease.—Fair movement of moderate lots to local and other consumers. Spot stocks light.

CHICAGO, Aug. 1.—Choice white grease, 7¾c. to 8c. per pound; yellow, 7½c. to 7¾c.

Lard.—Local cash trade fairly active. Price changes moderate. Hogs easier.

CHICAGO, Aug. 1.—Following is a lard price record, per 100 pounds, for the week:—

	High.	Low.	Closing— Aug. 1.	July 25.
Cash	$10.40	$10.05	$10.05	$10.30
October	10.70	10.17	10.10	10.52
December	10.95	10.37	10.30	10.72

Stearin.—Local trade fair. Spot stocks reported light or moderate. Tone firm.

CHICAGO, Aug. 1.—Prime oleo stearin, 9½c. to 10c. per pound.

Tallow. — Increased request from local and outside soapers. Market steady.

CHICAGO, Aug. 1.—Inedible tallow, prime, 8c. to 8¼c. per pound; special, 7¼c. to 7½c.

Animal Oils

Degras.—Common and neutral fairly active. Stocks here apparently light. Market firm.

Lard.—Prices advanced ¼c. to ½c. per pound. All grades in fair demand.

CHICAGO, Aug. 1.—No. 1 lard oil, 11¾c. to 12c. per pound.

Neatsfoot.—Medium grades ¼c. to ½c. higher. Cold-test quotations withdrawn. Inquiry increased. Imports at New York last week 104 drums from Montevideo.

Oleo. — Local trade fairly active. Stocks reported light. Tone firm.

CHICAGO, Aug. 1.—Extra oleo oil, 11¼c. to 11½c. per pound.

Tallow. — Quotations unchanged. Tone firm. Demand fair.

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CHICAGO, Aug. 1.—Acidless tallow oil, 11¼c. to 11¾c. per pound.

Waxes

Bees.—No further price advance. No easing of quotations. Undertones strong. Crude scarce. Offerings come seldom from primary markets. Portuguese want to sell ex Lisbon warehouse. Rejected here.

Candelilla.—Mexico advanced quotations last Wednesday. Spot rises to 26c. to 27c. per pound. Going strong at current levels.

Carnauba.—Spot higher. Ton lots, No. 3 Chalky, 77c. to 78c. per pound; No. 3 North Country, 79c. to 80c.; refined, 86c. to 87c.; No. 1 yellow, 86c. to 87c.; No. 2 yellow, 85c. to 86c. Cheaper spot than in Brazil due to certain type of operators taking profits. Brazilian shippers continue to play their monopoly to the hilt.

Japan.—Shipments stopped when Japanese credits were frozen. Agents of shippers with goods afloat declare they will cancel contracts. Local importers howl and refute the right of the Japanese to such action. Spot up to 25c. to 30c. per pound as to seller. Nothing offered firm.

Ouricury.—Domestic refined firm to strong at 62c. to 63c. per pound.

National Oil to Erect Plant in California

A new manufacturing plant for the production of vitamin-fortified oils and other vitamin products used for poultry and animal feeding, as well as vitamin concentrates for the food and pharmaceutical industries, is to be erected in Richmond, Calif. by the National Oil Products Company, Harrison, N. J.

Plant facilities eventually will be expanded to include production of chemicals for such West coast industries as petroleum, pulp and paper. metal workings, textiles, cement, paint and varnish, leather, plastics and cosmetics, it is expected.

E.A.Bush Now Affiliated With Bush Pan-America

Edward A. Bush has resigned from the sales department of the Hooker Electrochemical Company to enter the firm of Bush Pan-America, Ltd., of which his father, Burton T. Bush, is president. Offices and laboratory of the company, an importer of aromatic materials for perfumes and flavors, are located in 136 Liberty street, this city.

'Castung' Trademarked by Baker for Modified Castor Oils

The Baker Castor Oil Company, this city, added a new word to the vocabulary of the paint industry when it trademarked the word 'Castung' to designate the company's modified castor oil products having drying properties intermediate between Chinawood, or tung oil, and linseed oil for use in paints, varnishes, enamels, lacquers, inks, resins and plastics.

The better to inform manufacturers of the properties of castung oils, the Baker company has issued a thirty-two-page book which tells what they are, how they are produced, what they look like, what they do, their specifications, and certain formulas together with directions for manufacturing utilization.

Four castung oils are presented, known as 403, 101, 403-Z3, and 101-Z3. The first two are described as unbodied castung, the last two as bodied castung. Full specifications covering color, viscosity, specific gravity, refractive index, percentage of free fatty acids, saponification value, iodine value, and neutral value are given.

A section describes the general properties of castung oils and the subjects treated are kettle reactions, drying, and varnish procedures. Twelve varnish types are presented together with procedure, results, and tests. With each type is presented a "cooking log" in the form of a graph.

Use of castung oils in manufacture of alkyd resins, inks requiring drying oils, and paints is discussed and the book closes with the statement that castung oils are not ordinary dehydrated castor ils. They are modified castor oils. The Baker Castor Oil Company either owns or is licensed under some fifteen United States patents for the modification of castor oil."

Vick Buys Prince Matchabelli, Inc.

The Vick Chemical Company has purchased Prince Matchabelli, Inc., maker of perfumes and toiletries, as part of an expansion and diversification program. The new subsidiary will be operated as a separate business.

Heyden Chemical Corporation plans the erection of a three-story warehouse at its Garfield, N. J., plant at a cost of $40,000.

Tung Oil Extraction By a Solvent Process

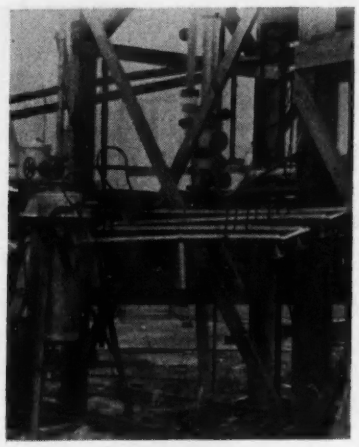
—*Continued from page* 38

pounds or more; vacuums of 28½ to 29½ inches of mercury are obtained. The ejector is mounted on, and exhausts into, a water-cooled condenser, which is connected with the solvent storage system; consequently, solvent stripped under vacuum from the tung oil is condensed and returned to storage along with the condensate from the steam used in operating the ejector. Separation of solvent and water is readily accomplished in the separation tank previously described.

Liquefying Solid Oil

It has been previously stated that solvent-extracting tung oil is inclined to exist in the solid state at ordinary temperatures. In order to meet objections which may be raised to oil in the unfamiliar solid form, a treatment has been devised which renders the oil permanently liquid. This consists of simply heating the oil for thirty minutes at 250° C. In order to carry out this treatment on a small scale, the oil is allowed to flow through a coil which is immersed in an oilbath maintained at 250° C. by electric heating elements. It has been found that the oil is adequately heat-treated when it flows through the oil at the rate of about one gallon an hour.

When presscake or tung kernels have been completely extracted, it is necessary to remove the solvent held by the material in the extractor before discharging it. At the pilot plant it is possible to admit steam into the extractor, thus heating the material and evaporating the solvent. Solvent vapors and steam are carried from the extractor and condensed in a water-cooled condenser; the condensate is delivered to the separation tank. At the end of this operation it is possible to discharge the marc from the extractor. The time required for the removal of the solvent depends chiefly on the amount and aggregation of the marc. In the case of unground presscake, solvent was steamed out without difficulty, but finely ground presscake exhibited packing and channeling effects which made solvent recovery difficult and time-consuming. Pronounced channeling occurred also in the case of ground tung kernels.



Vacuum Stripping Device

During early operation of the pilot plant considerable difficulty was experienced in obtaining a miscella free from solid fines. This presented a serious problem because these fines were incorporated with the oil in the solvent evaporation process, resulting in a viscous, dark-colored oil of inferior quality. It was ascertained that proper filtration of the miscella after leaving the extractor would remedy the difficulty and that a leakproof plate-and-frame filter designed for use with volatile solvents would satisfactorily filter the miscella. By using a filter of this type a clear oil, entirely free from solid fines, was obtained.

Presscake and Kernel Oils

While the grade of oil obtained from tung presscake is somewhat inferior to that of oil obtained from tung kernels, there are doubtless many industrial uses to which the former oil can be put.

In the following tabulation data are presented for the extraction of both tung presscake and ground tung kernels with two different grades of solvent.

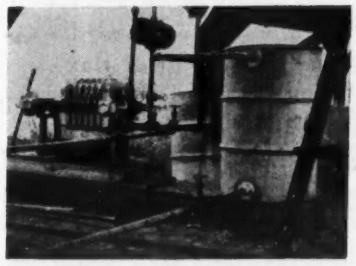


Plate-and-Frame Filter

Oil from Tung Presscake

	I Naphtha. 94°-112° C.	II Hexane. 63°-70° C.
Oil in charge	7.47%	5.02%
Oil in marc	0.10%	1.05%
Browne heat test on extracted oil	....	9.5 min.
Iodine number (Wijs)	....	160.1
Refractive index (27.5° C.)	....	1.5156
Efficiency of extraction	98.67%	80.00%

Oil from Ground Tung Kernels

	III Naphtha. 94°-112° C.	IV Hexane. 63°-70° C.
Oil in charge	67.45%	63.89%
Oil in marc	7.67%	18.68%
Browne heat test on extracted oil	....	11.75 min.
Iodine number (Wijs)	....	161.2
Refractive index (27.5° C.)	....	1.5180
Efficiency of extraction	88.70%	70.76%

With regard to the extraction of tung presscake with hexane, experiments are being continued in an effort to determine whether or not the percentage efficiency of extraction, stated above, is the limiting figure when this solvent is used.

In order to overcome the channeling effect in the extraction of ground tung kernels, previously mentioned, alternate layers of coarse gravel and ground tung kernels were placed in the extraction tower. By this procedure the efficiency of extraction was materially improved. Whereas, 98.32 percent of the available oil was extracted with naphtha at the pilot plant, it is interesting to note that a laboratory analysis of the material extracted indicated that the material had been ground in such a manner that 98.64 percent could be removed by solvent extraction without a second grinding; and in the case of the hexane extraction in which 98.29 percent of the oil was extracted, that the material had been ground in such a manner that 98.20 percent of the oil could be extracted without regrinding. While the use of coarse gravel may be considered objectionable in a commercial extraction of tung kernels, it is believed that these results demonstrate the possibility of efficient extraction of such material, when the channeling effect is overcome.

Oil from Ground Tung Kernels
(*Layered with gravel*)

	V Naphtha. 94°-112° C.	VI Hexane. 63°-70° C.
Oil in charge	47.61%	67.06%
Oil in marc	00.81%	1.20%
Browne heat test on extracted oil	....	12.5 min.
Iodine number (Wijs)	....	161.0
Refractive index (27.0° C.)	....	1.5155
Efficiency of extraction	98.32%	98.29%

The efficiency of extraction obtained with the presscake may be ascribed to the low oil content of the cake before extraction and the relatively coarse state of division which permitted excellent contact between the particles of cake and the solvent. The relatively poor efficiency in the case of the tung kernels may be laid to the high oil content of the meal and the close packing of the finely divided material in the extractor, which latter condition was undoubtedly responsible for solvent channeling, and hence poor contact of solvent and meal. It has been demonstrated that oil remaining in tung presscake can readily be recovered in a batch process by solvent extraction, and that when the solvent process and the pressing process are operating in conjunction with each other, more than 99 percent of the available oil can be obtained.

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Drugs, Fine Chemicals

Presidential Order Freezing Japanese Credits Brings Swift Price Rise in Nipponese Products—Most Sellers Withdrawn From Market—Whole Market Firm

Swift, strong, and sensational were the price advances in Japanese products last week. While the drug and fine chemical markets continued strong Japanese camphor, menthol, and agar vaulted to high price levels and by midweek practically every seller had withdrawn quotations.

Action developed Monday when trade began with the President's order freezing Japanese credits in full effect. Anticipating the move, Japanese ships afloat to the United States had been ordered not to dock in American waters and the order found a large number heaved-to at sea with cargoes that included camphor, menthol and agar. Much was already sold here and, of course, the sellers can do nothing less than claim force majeur for being unable to fill contracts.

As to the rest of the drug and fine chemical market, it showed not a trace of anything but strength. Resellers of methanol, formaldehyde, tartaric acid, cream of tartar, Rochelle salt, acetone, and citric acid continued to obtain high price premiums over firsthand quotations but the resellers appeared to hold but moderate stocks. Demand ran high in all quarters of the market and in more cases than not, producers were compelled to ration their output to their regular customers.

Acid, Boric.—Deliveries slightly improved. Still undersupplied.

Acid, Citric. — Market for every pound produced. Strong. Resales command sharp price premium.

Acid, Gallic.—Firm undertone. Good demand. Production engaged.

Acid, Tartaric.—Strong. Undersupplied. Production heavily engaged. Resale brings around 74c. per pound, quoted as nominal figure.

Agar.—Sellers withdraw from market. Further arrivals from Japan doubtful since U. S. froze Japanese credits. Ships with agar aboard standing off the Pacific Coast. One ship with agar permitted to land passengers. Will return freight cargo to Japan. Market nominally $1.75 per pound, named without offer.

Iodine

Chilean crude iodine producers on June 16 closed eyes and ears to the American iodine producers' known opposition to a price advance. They seized the bit in their teeth and ran the price up to $1.60 per pound. It had been $1.35.

On the same day the domestic makers opposed the Chilean trial price balloon, ignored the advance, and refused to leave the $1.35 level. The Chilean price soon dropped back to $1.35. The episode was a modern sort of David-and-Goliath episode.

The domestic manufacturers acted notwithstanding their total annual production of about 350,000 pounds was opposed by the Chile's unlimited output and near world monopoly on the material.

Crude iodine has risen but 28c. since August 25, 1939—or from $1.07 per pound to the present $1.35. Potash iodide has risen 31c.—or from $1.13 per pound to today's price of $1.44. This compares with the rise of 80c. from 1914 through 1918—or from $2.95 to $3.75.

The following tabulation drawn from Department of Commerce import data, and Bureau of Mine output figures, may be of interest:—

	Pounds	
	Imports, U.S.	output.
1939	200,000	350,000*
1938	570,000	.....
1937	1,957,148	299,286
1936	592,217	.....
1935	375,819	233,925

* OPD estimate.

Export to countries other than the British Empire is possible only under a Federal license, the result of an OMP order.

Price Changes

Advanced

Agar, 20c. per lb.
Camphor, Japanese, 5c. per lb.
Menthol, natural, $2.50 per lb.
synthetic, prices withdrawn.
Milk powder, skimmed, 1c. per lb.
unskimmed, 2½c. per lb.
Podophyllin, 75c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
220.8	213.3	211.4	203.2

Market news that may have developed after this report was sent to press will be found on page 4.

Alcohol.—Stocks of ethyl on June 30 were larger than on May 31. Withdrawals were up for the month. Also production. Specially denatured production was higher, removals gained, and stocks dropped. Output of completely denatured was higher, withdrawals gained, and stocks decreased. Complete figures elsewhere.

Alpha Tocopherol.—Strong. Active. Moderate supply.

Aloin.—Excellent demand. Strong prices. Raw material no easier.

Argols.—Scarce in few primary markets left open. No open market prices.

Bay Rum.—Ship service from source none too good. Very firm market. Moderate reserve stocks.

Bismuth Metal and Salts.—Very firm. No surplus of metal stocks. Demand for salts maintained at excellent levels.

Cadmium.—High volume demand. Low volume supply for all but regular contract buyers. Consumption curve rising.

Caffeine.—Selling at a high rate. Production well engaged. Resale commanding around $9 per pound.

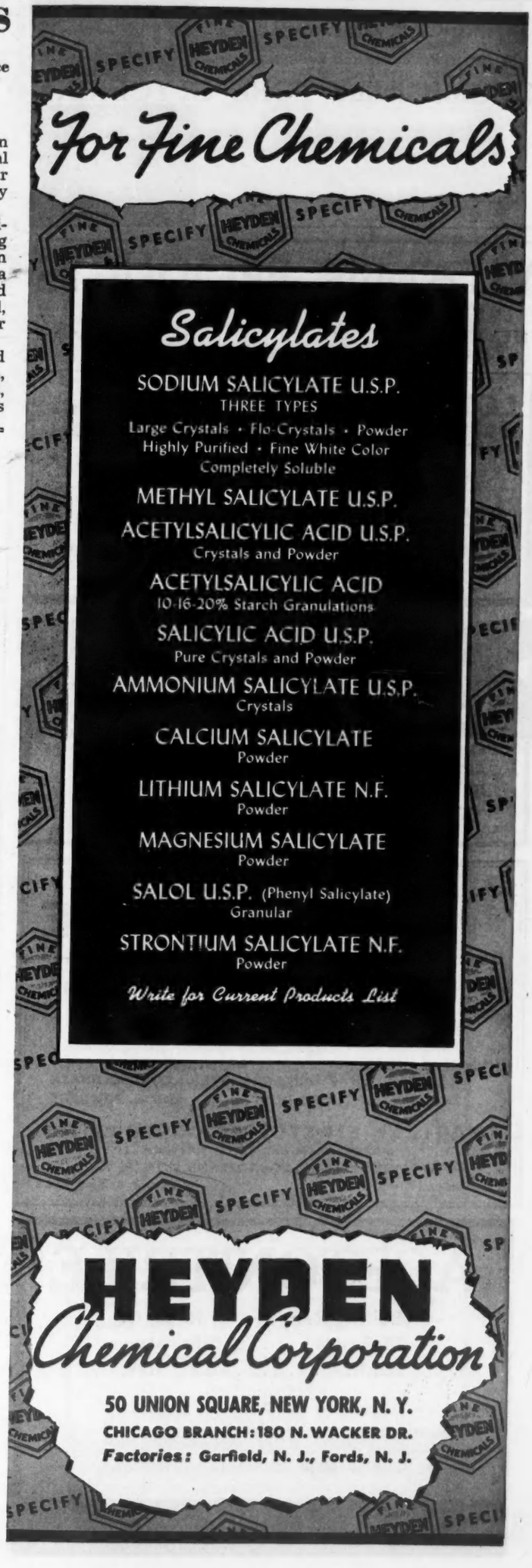
Camphor.—Sellers withdrew. Follows President's order freezing Japanese credits. Goods afloat not likely to be landed. Some cargoes already on way back to Japan. Local situtaion may clarify in near future. Synthetic production becomes of great importance. Present output far behind country's requirements. Questionable if national defense needs will provide machinery and raw material for expansion of output.

Castor Oil. — Demand excellent. Prices firm. No apparent weakness in raw material. Outlook favors excellent future.

CHICAGO, July 31.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 12¼c. per pound; drums, less than car lots, 13c.; tanks, 11⅜c.; No. 3 extracted, returnable drums, car lots, 11⅝c.; drums, less than car lots, 12¾c.; tanks, 11⅛c.

Corn Sugar.—Process for making

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7



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C/P

synthetic tartaric acid developed to use corn sugar as raw material.

Coumarin.—Consumption at high volume. Very firm. Production cost tends higher.

Ephedrine. — Production costs not working lower. Tendency for prices to become firmer noted. Fair demand.

Epsom Salt.—Prices quoted basis of freight equalized with eight points. Formerly was freight allowed east of Miss. River, and north of Ohio.

Fish Liver Oil.—Sellers report excellent demand. Stocks narrow on this market. Held in strong hands.

SAN FRANCISCO, July 30. — Market for vitamin oils seriously disturbed, especially in D materials, owing to the paralyzation of Japanese shipping. Frozen Japanese tuna and other fish livers in transit to San Francisco being held up in boats off the California Coast —materials which manufacturers badly need to meet market requirements. Only other reliable source of D livers is out of Southern California tuna operations; insufficient to fill demand. As for A vitamins, the Pacific Coast shark season not in full swing for another 30 days or so. Demand depleted supplies here on all ranges of both A and D oils. Sellers not quoting prices and transactions difficult to trace.

Formaldehyde.—Market supply below demand. Due to scarcity raw material. Quotations occupy position. Resale goods limited around 35c. to 40c. per pound.

Glycerin.—Strong market. Refiners hold aloof. Consider prices for crude exorbitant. One refiner manufacturing glycerin for own use on government contracts has paid the high prices for crude. Prices on refined strong, but unchanged.

CHICAGO, July 31.—Glycerin price, C.P., tanks, 14¼c. per pound; drums, car lots, 14½c.; less car lots, 15c.; cans, less car lots, 16½c. to 17c.; high gravity, tanks, 13¾c.; drums, car lots, 14c.; less car lots, 14½c.

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2346-2354 Sedgley Avenue - Philadelphia, Pa.

Hexamethylenetetramine. — No material for sales other than to long established customers. Production behind needs. Raw material hard to get. Consumption running high.

Iodine and Iodides.—Crude situation seems stable. Doubted that Chileans will raise prices. Domestic output a factor in price control. Iodides firm. Moving well.

Magnesia.—Demand excellent. Costs rising. Little competition.

Menthol. — Position sensational throughout week. Prices jumped to at least $6 per pound. Quotations ranging $6.50 to $7.50 per pound noted. Caused by stoppage of arrivals following President's order freezing Japanese credits. Large quantities afloat may never arrive. Unsold stocks very small. Prices on synthetic withdrawn.

Mercurials.—Very firm. Production cost maintained sturdily by firm position raw material. Demand normally active.

Methanol. — Market undersupplied with prompt delivery material. Occasional buyers cannot cover. Contracts taking practically all production.

Methyl Acetone.—High volume demand finds moderate supplies available for the occasional buyer. Regular customers not too well and promptly supplied. Firm prices.

Methylisobutyl Ketone.—Very firm. Excellent demand. Tendency up.

Milk Powder.—Prices purely nominal. Skimmed, roller, carlots, 10½c. per pound; whole milk, roller, 25½c.; spray, 26c. Nothing offered. Sellers hold stocks for regular customers.

Morphine.—No special call. Believed Winter requirements well covered by reserve supply raw material.

Opium.—Federal government holds stock covering two to three years requirements. Real need would probably open new supply sources if Near East shipments became impossible.

Quicksilver.—Not much spot activity. Little spot stock. Coast supply seems well engaged ahead. Prices firm, all directions.

SAN FRANCISCO, July 30.—Spot market quotation on quicksilver advanced to $190 per flask. The more responsible market factors, both sellers and buyers frankly concerned. Larger type of operators and producers state they do not cherish the idea of further advances. Are willing to discount what futures they have available.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce and quantities of 500 ounces at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	24	34⅝	23 7/16
Monday	24	34⅝	23 7/16
Tuesday	24	34⅝	23½
Wednesday	24	34⅝	23½
Thursday	24	34⅝	23½
Friday	24	34⅝	23½

Duchess of Hollywood Cosmetics, Inc., has been organized in Los Angeles county, with a capital of $5,000. The new corporation is represented by C. A. McGee, 530 West Sixth street, Los Angeles, Cal.

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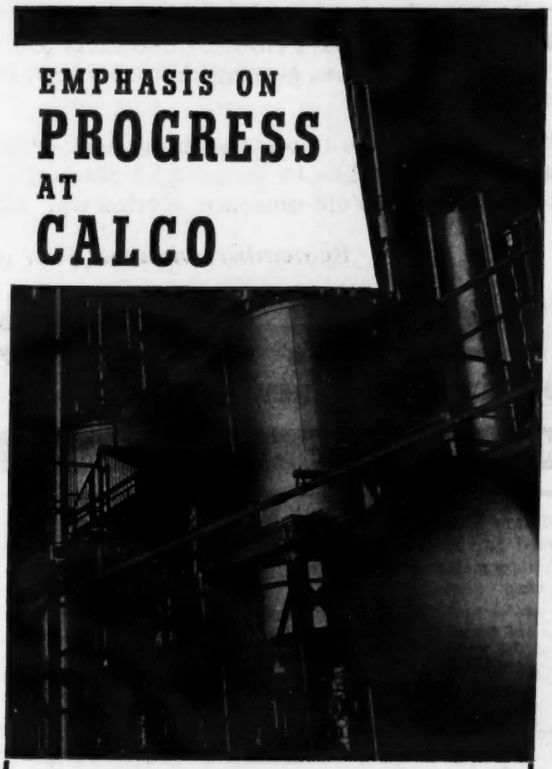
Typical of our progress in the development and manufacture of pharmaceuticals is this recently completed equipment of Calco design for our Pyridine Plant. It is significant to users of Calco Pharmaceuticals because it not only reflects the increased demand for these products, but because it also reflects our consistent development of new and better ways to produce chemicals of superior purity.

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Diethylamide of Nicotinic Acid (Niketham ide)
Methylene Blue U.S.P. (Powder—Crystals)
Sulfanilamide U.S.P.
Calcium Mandelate
Cinchophen N.F.
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Certified Colors for Pharmaceutical Use

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PENICK DELIVERS THE GOODS

Despite crop shortages, ship sinkings, and wholesale devastation abroad, Penick's customers are, almost without exception, getting their requirements of botanical supplies.

Much credit must go to our far-flung field organization which manages to locate and develop new sources of supply as old ones are bottled up. They keep cargo after cargo moving across thousands of extra ocean miles into Penick warehouses.

Some botanical buyers have been surprised to find Penick able to supply items generally believed to be unobtainable. Many more buyers, consequently, have turned to Penick as their "primary source of supply for botanical raw materials."

Remember, whatever your botanical needs, check first with Penick

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Proprietary Medicine Exports Reported for March

Proprietary medicines exported from the United States during March have been tabulated by the Bureau of Foreign and Domestic Commerce. The value of the various classes of products exported in March was as follows:—

Classification.	Value.
Mouth washes and gargles	$33,048
Corn and foot remedies	4,976
Plasters	56,017
Liniments	15,289
Salves for burns, cuts and skin diseases	45,683
Salves for coughs, colds and catarrh.	53,230
Cold, cough and bronchial preparations	68,381
Catarrh, asthma, and hay fever preparations	12,528
Malaria and chill preparations	29,482
Tonics and blood purifiers	171,778
Laxatives and purgatives	73,278
Milk of magnesia	31,051
Digestive preparations	16,401
Headache, neuralgia, and pain remedies	32,739
Other proprietary medicinals	216,056

A.Ph.M.A. Thanks Harvard for Conference

The American Pharmaceutical Manufacturers' Association has presented the following statement to the Harvard Graduate School of Business Administration, in the form of a beautifully illuminated scroll appropriately framed, namely:

The American Pharmaceutical Manufacturers' Association does hereby express to the Graduate School of Business Administration of Harvard University its appreciation of its conference with the School in Boston, on June 24, 1941, for a constructive discussion of fundamental national and industry problems. The association believes that this conference had a significant educational value and was influential to promote a sound solution of these problems.

Empire Chemical Buys Standard Oil Co. Plant

The Empire Chemical Company, manufacturer of druggists' sundries, Newark, N. J., has purchased and will operate the former bulk distribution plant of the Standard Oil Company in New Brunswick, N. J. The plant consists of two-story and one-story buildings with a railroad siding.

American Home Products Paid $366,871 for Blackstone Corp.

American Home Products Corporation, this city, has reported to the Securities and Exchange Commission that it issued 6,000 shares of its stock, which had cost it $274,371 and $92,500 in cash for the Blackstone Products Corporation, which it acquired June 13, 1941.

Maltbie Chemical Company To Construct New Unit

Bids for construction of a building at Cedar Knolls are being received by the Maltbie Chemical Company, of Newark, N. J. The 40x80 structure will be used as a small manufacturing unit of the company, producing several of the company's pharmaceutical and chemical products. Concrete construction will be used and is expected to be ready for occupancy October 1, according to C. W. Warner, first vice-president.

Drug Chain Store Sales Gained 5 Percent in May

Total sales of chain drug stores rose 5 percent during May, according to the Department of Commerce based on reports from a sample group of some 2,000 stores in the trade. The cost value of inventories held by chain drug stores decreased slightly during May. At the end of the month they were about 6 percent above the May, 1940, month end total. The considerably higher sales volume this May, however, reduced the stock sales ratio for the month to a figure slightly below that of a year earlier.

Trade Briefs

Utah Copper Company plans a $5,000,000 plant at Garfield to generate its own power.

Canadian nickel production will be expanded so that imports by the United States could be increased 20 percent.

Maryland Glass Corporation, manufacturer of glass containers, Baltimore, is building a one-story addition to its plant.

Zonite Products Corporation announces the retirement of Edward F. Hutton, for twenty years a member of the directorate and for many years chairman of the board.

Armstrong Cork Company, Lancaster, Pa., has reorganized its advertising and promotion department with M. J. Warnock as director and E. Cameron Hawley as assistant director.

Horlick Malted Milk Corporation of Racine, Wis., has appointed Thomas J. Ditchfield, former account executive with Henry C. Phibbs Advertising Agency, manager of its newly reorganized professional department.

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Botanical Drugs, Spices, and Gums

Accumulation of Some Domestic Botanical New Crop Goods Eases Prices—Calamus, Dandelion, Mullein and Peppermint Affected—Mandrake Higher—Valerian Up

Moderate accumulation of new crop stocks of some domestic items developed easier and sometimes lower prices in the spot market last week. The number of articles affected was small but it was an indication that where exceptionally high quotations had ruled, gains in supply were acting to turn values toward levels more favorable for buyers. Among such materials were calamus root, dandelion root, mullein flowers and peppermint leaves.

Imported goods were mainly firm but a shading of prices was noted on henna leaves, valerian root, condurango bark and stramonium leaves.

Higher quotations ruled on mandrake root and some other domestic items showed gains in strength. Cascara bark appeared truly firm, though there was not much doing during the period reviewed. Domestic angelica and beth roots were noteable for strength and quotations in some quarters showed an advance. Golden seal retained all of the strength recently productive of higher quotations but the immediate demand was moderate. Squill was lower.

Balsams

Buckthorn.—A trifle of natural bark available at 75c. to 80c. per pound.

Cocillana.—Shaded to 23c. to 25c. per pound under competition.

Condurango.—Slightly lower at 10c. to 11c. per pound. Market slow.

Beans

Tonka. — Apparently steady. No pressing demand. Price well maintained.

Vanilla.—Strong prices and undertones. Stocks small and likely so to remain. Ready market for anything offered.

Berries

Juniper.—Berries offered at 75c. to 90c. per pound. Small supplies in strong hands.

Raspberries.—Demand maintained. Very steady market. Coast prices well supported.

Flowers

Lavender.—Limited stocks strongly held. Limited call.

Linden.—Flowers with leaves minimum at 70c. to 75c. per pound.

Price Changes

Advanced

Angelica root, dom., 15c. per lb.
Beth root, 13c. per lb.
Cumin seed, Indian, 1c. per lb.
Cassia, Batavia, No. 1 thin quill, 1c. per lb.
Saigon, 4-10-4, 2c. per lb.
10-6-2, 2c. per lb.
Cinnamon, Ceylon No. 2, ½c. per lb.
Clove, Zanzibar, ¾c. per lb.
Fennel seed, Indian, ½c. per lb.
Fenugreek seed, ¼c. per lb.
Mandrake root, 1c. per lb.
Mustard seed, California brown, ½c. per lb.
Pepper, red, chillies, Japanese, 1c. per lb.
Uva ursi leaves, 2c. per lb.
Valerian root, 2c. per lb.

Reduced

Anise, Star, ½c. per lb.
Caraway seed, 2c. per lb.
Celery seed, Indian, 1c. per lb.
Coriander seed, natural, ¼c. per lb.
Cocillana bark, 2c. per lb.
Condurango bark, 1c. per lb.
Calamus root, domestic, 10c. per lb.
Dandelion root, 10c. per lb.
Henna, whole, 3c. per lb.
powdered, 5c. per lb.
Mullein flowers, 50c. per lb.
Peppermint leaves, domestic, 5c. per lb.
Pimento, Jamaica, 5c. per lb.
Sage, Greek, 3c. per lb.
Squill root, white, 20c. per lb.
powd., 25c. per lb.
Stramonium leaves, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
276.9	277.1	273.8	200.3

Market news that may have developed after this report was sent to press will be found on page 4.

Gentian Root

Even the cattle in the United States have to forego tidbits when all Europe goes to war. For the war has cut off gentian root, a component of many stock foods and ordinarily an article making a high score in tonnage sales.

What countries shipped to the United States before the War? By Department of Commerce data and in order of importance they were, in 1938, Yugoslavia with a record of 268,057 pounds; France, 155,637 pounds; Portugal, 113,070 pounds; and much smaller quantities from Belgium, Spain, Italy, the United Kingdom, and Germany. Of all these, only Portugal and Spain can ship now when they have root to ship.

Prices have skyrocketed from 7c. per pound on August 25, 1939, to 62c. per pound as the current, and almost nominal market.

Imports for the first quarter of this year totaled 26,057 pounds. This compares with a 1939 quarterly average of 110,747 pounds and a 1939 total arrival of 442,989 pounds. In 1938, the total was 366,931 pounds, and in 1937 it was 588,138 pounds.

Malva.—Blue flowers nominal at 90c. per pound. All stocks conservative.

Mullein.—Spots offered at $1.50 to $1.55 per pound. New supplies. Probably domestic in origin.

Pyrethrum. — Imports from Japan stop. Plenty in Kenya Colony.

Gums

Arabic.—Sorts strongly maintained at 20c. to 21c. per pound. No easing

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1941, and the detention of these items by the Food and Drug Administration because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	190	1,454
Belladonna	15	25
Caraway	...	207
Cardamom (cases)	10	1,669
Celery	35	1,052
Coriander	16,396	31,549
Cumin	3,101	12,599
Digitalis leaves (cases)	...	...
Dill	3,118	16,626
Fennel	196	2,018
Henbane leaves (bales)	150	170
Mustard	...	9,449
Poppy	130	3,153
Sage leaves (bales)	968	5,040
Sesame	3,124	10,409
Stramonium	...	...
Thyme	915	1,924

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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✓CALAMUS ROOT
✓CUDBEAR
✓CINCHONA BARK
✓COCILLANA
✓DAMIANA Select
✓DERRIS
✓DIGITALIS (116% Active)
✓DOGGRASS CUT
✓ERGOT (140% Active)
✓EUPHORBIA PIL.
✓FENNEL SEED
✓GALANGAL ROOT
✓GINGER
✓GUAIAC GUM Glassy
✓HAWTHORNE BERRIES
✓HOREHOUND
✓INSECT FLOWERS
✓IPECAC ROOT
✓IRISH MOSS
✓KOLA NUTS
✓MYRRH GUM
✓OLIBANUM GUM
✓ORANGE PEEL
✓ORRIS ROOT
✓PAPAIN
✓PEPPERMINT
✓PSYLLIUM SEED
✓QUASSIA
✓QUINCE SEED
✓RHUBARB ROOT
✓SARSAPARILLA
✓SENEGA ROOT
✓SENNA LEAVES
✓SQUILLS
✓STRAMONIUM
✓UVA URSI
✓WILD CHERRY BARK
✓PALE ROSE BUDS

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in Latex Adhesive mixtures
in Boiler Compounds
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of sellers' views on future of the market.

Camphor.—Japanese situation tends to make holders natural item withdraw offerings. Japanese ships held at sea carry some camphor. Present market virtually nominal due to Japanese credits being frozen.

Karaya.—Upward trend transportation costs from source keeps quotations straining toward higher position. Demand good.

Herbs and Leaves

Henna.—Slightly lower. Whole, 27c. to 28c. per pound. Powder, 30c. to 31c. No improvement in transport situation from source.

Peppermint. — New-crop domestic leaves ease prices. Market 70c. to 75c. per pound. No firm offerings of imported goods.

Sage.—Token supplies of Dalmation item held around $1.50 to $1.60 per pound. Some Greek offered at 87c. per pound.

Stramonium.—Prices eased back to 40c. to 45c. per pound as domestic collections and Argentina exports provide supplies.

Uva Ursi.—Firm offering at 18c. to 20c. per pound.

Miscellaneous

Cantharides.—Chinese flies strengthen due to Japanese situation having tightened position of all Far Eastern merchandise.

Dragon's Blood.—Doubtful that any important replacement material could be bought with certainty of arrival here.

Ergot. — Still inclined in buyers' favor. No actual change in open quotations.

Roots

Angelica.—Domestic root minimum at 50c. to 60c. per pound.

Beth.—Quoted lowest at 32c. to 35c. per pound.

Calamus.—Collection domestic new crop fair. Prices down to 40c. to 45c. per pound.

Dandelion.—Lower at 60c. to 65c. per pound for domestic root.

Mandrake.—Higher at 13c. to 15c. per pound and very firm due to moderate collections.

Squill.—Whole white material quoted lower at 20c. to 21c. per pound. Powdered, 25c. to 26c.

Valerian.—Japanese root, admitted as U.S.P., higher at 37c. to 40c. per pound in view of probable stoppage of shipments to this country.

Seeds

Anise.—Star down to 20c. to 20½c. per pound.

Caraway.—Dutch shaded to 83c. to 85c. per pound.

Celery.—Indian cheaper at 48c. to 50c. per pound.

Coriander.—Natural lowered to 9¾c. to 10¼c. per pound.

Cumin.—Indian higher at 17¼c. to 17½c. per pound.

Fennel.—Indian back to 9c. to 9½c. per pound.

Fenugreek.—Firmer and stronger at 7c. to 7½c. per pound.

Mustard.—California brown up to 16c. to 16½c. per pound.

Spices

Cassia.—Batavia No. 1 thin quill higher at 20½c. to 21c. per pound. Saigon No. 1, 4-10-4, up to 30c. to 30½c. per pound; 10-6-2m, 32c. to 32½c.; all thin, 34c. to 35c.

Clove.—Zanzibar reacts upward to 15c. to 16c. per pound.

Pepper.—Black Lampong firmer at 6.35c. to 6.65c. per pound. White, Java Muntok, higher at 11c. to 11½c.; small berry Muntok, up to 10¾c. to 11¼c. Red, Japanese chillies, some sellers hold at 22½c., but report no business.

Trading in black pepper futures on the New York Produce Exchange from July 28 to August 1, inclusive, comprised 74 contracts. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
March	6.50	6.27	6.30 sale
May	6.57	6.35	6.37@6.39
September	6.40	6.12	6.05@6.10
December	6.55	6.15	6.15@6.19

Pimento.—Spot Jamaica down to 22c. to 22½c. per pound.

W. R. Andler has been named executive vice-president and general manager of Ritchie & Janvier, Inc., national sales agents in the drug field, Bloomfield, N. J.

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Essential Oils, Aromatic Chemicals

Freezing of Japanese Credits Makes Camphor and Sassafras Stronger—Cassia and Anise Advanced—Smaller Peppermint Crop Expected—Citronella Up

Developments in Japanese-American relations led to both countries freezing credits and consequently bringing all commerce in camphor oil, eucalyptus oil, artificial sassafras oil, and safral to an end for the time being at least. It is possible that considerable elasticity in administration of the executive orders may ultimately ease the situation but for the time being import business has stopped.

The developments also strengthened the position of all oils originating in the Far East. Anise and cassia were advanced on spot, citronella from Ceylon remained high priced and nominal while Java oil fetched higher rates. Cananga and Java vetiver were conspicuous for strength.

Domestic oils were fairly steady. Peppermint gained strength following the report that indicated a probable drop in production this year due to generally adverse growing conditions. Country prices showed strength. Those on spot were higher.

Vanillin demand ran to high levels but it was believed that the productive capacity of the country has not yet been approached and in all probability consumer requirements can be met entirely. Aromatic chemicals in general were in broad, sustained demand as the natural consequence of the steady shrinkage in available spot supplies of natural oils. Demand for substitutes was very active and resulted in excellent demand for raw materials for their manufacture. Hydroxycitronellal was scarce. Most first hands were not quoting.

Essential Oils

Almond.—Local stocks of sweet oil small. Bitter oil almost extinct. Artificial unobtainable spot delivery on new orders.

Amyris.—No further advance. Holding firm. Small call.

Angelica.—Seed oil holding steady. Small stock and demand.

Anise.—Higher at 85c. to 95c. per pound. Small stocks held in great reserve. Japan controls primary market.

Apricot.—Steady demand for moderate-sized parcels. Prices firm.

Bergamot.—Excellent demand for artificial material. Firm.

Birchtar.—Tending higher. Replacement hard to get.

Bois de Rose.—Sellers reserved. Stocks moderate. Replacement high.

Cajeput.—More inquiry. Firmer prices developing. No shading.

Camphor.—Sellers virtually withdraw prices. Future depends on development of Japanese-American relations. Very bad at present. Under frozen assets setup, no further arrivals likely.

Cassia Oil

Advancing prices on cassia oil stem directly from the disruption of normal sea bourne commerce since August, 1939, when war began in Europe. The lowest current quotation now is $3.25 per pound on U.S.P. oil, but most dealers ask between $3.50 and $3.75. On August 25, 1939, the spot quotation was 88c. per pound.

Cassia oil is shipped from Hongkong, China, and the backlash of the European conflict has beaten hard on the British Crown Colony due to Japanese military operations in connection with its war on China. The European conflict, however, caused sharp curtailment of steamer service, and raised ocean freight and war risk insurance rates to towering pinnacles.

Importations in the first quarter of 1941 totaled 72,020 pounds. This compares with the 1939 quarterly average of 53,844 pounds, based on the Department of Commerce total importation figure of 215,338 for the whole year.

Price Changes

Advanced

Anise, 3c. per lb.
Cassia, 25c. per lb.
Citronella, Java, 2c. per lb.
Geraniol, 75c. per lb.
Hydroxycitronellal, 50c. per lb.
Linalyl acetate, 70-90%, 25c. per lb.
92-96%, $1.25 per lb.
Peppermint, natural, 5c. per lb.
redistilled, 5c. per lb.

Reduced

Vanillin, 35c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
210.9	210.1	204.5	128.2

Market news that may have developed after this report was sent to press will be found on page 4.

Cassia.—Far East situation raised import cost. Little offered at any price. Spot advanced to $3.25 to $3.75 per pound.

Citronella.—Java oil up to 55c. to 60c. per pound. Ceylon purely nominal due to no firm offerings and exceptionally high prices being cabled.

Clove.—Demand sustained at excellent levels.

Coriander.—Output moderate and shows high cost. Strong prices.

Dill.—Stocks show no probable surplus. More active season approaching. Prices very firm.

Eucalyptus.—Advance maintained. Undertones show great strength. No shipments from Japan likely in future.

Geranium.—Stocks held at strong prices are very small. Single offer noted last week.

Ginger.—Distilled oil firm. Not very active. First cost maintained.

Juniper.—The trifle of domestic oil available held at $15 per pound.

Lavender.—Spot practically nominal. Use of substituted gaining. Spot supply being used for blending purposes.

Lemon.—Demand at heighth. Seasonal requirements run high. Prices very firm. Domestic producers find ready market for all oil produced.

Lime.—Firm on spot and in primary markets. Good demand.

Lemongrass.—Practically a museum piece at present.

Orange.—Domestic oils show no further change. In strong demand. Undertones firm. Further rise should not surprise.

Petitgrain.—Blacklisting of two Paraguay shippers leave but two sellers in that country. Examination im-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

In Extraordinary Demand
OIL LEMON AMERICAN
Expressed U.S.P. (Calif. C.P.)
Booking your contract now is advised since war conditions have increased demands in the American market for this product. Write for special price schedule.
MAGNUS, MABEE & REYNARD, INC.
16 DESBROSSES STREET, NEW YORK, N.Y.
CHICAGO: 221 North La Salle Street
CANADA: Richardson Agencies, Ltd., 454 King St., W., Toronto
AMMER ECONOMY POINTER

OIL OF CLOVES
OIL OF NUTMEGS

Two of the most important items in our Factory. We can guarantee to furnish you with the highest quality obtainable.

GEORGE LUEDERS & CO.
427-429 WASHINGTON ST., NEW YORK
Branches: Chicago, San Francisco, Montreal *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
IMPORT ESSENTIAL OILS EXPORT
162-164 Front Street Established 1896 New York City

BENZALDEHYDE
N. F.
MANUFACTURED BY
VAN SCHAACK CHEMICAL WORKS, INC.
3430 Henderson Street Chicago

TOMBAREL
Supreme Flower Essences
Surfine Essential Oils
Basic Perfume Materials
Special Perfume Creations for All Purposes
TOMBAREL PRODUCTS CORP.
9-11 East 19th Street : : : New York, N.Y.

OIL of PEPPERMINT
Of American Origin Only
A. M. TODD COMPANY
KALAMAZOO, MICHIGAN

ports since first of year shows Paraguay shipped 40 cases to U. S., while the Argentina exports totaled 450 cases and 43 drums.

Peppermint.—Slightly higher, Natural, $3.35 to $3.80 per pound; redistilled, $3.55 to $4.15. Reports from primary market suggest crop substantially under recent years. Weather adverse. Acreage abandoned. Country dealers paying around $3 per pound to farmers.

Pineneedle.—No higher but showing gaining strength.

Rose.—Consumers restricted practically to synthetic item. As high as $60 per pound quoted on such material. Minimum, $4.

Sage. — Purely nominal material. Little change to replace supply.

Sassafras.—Freezing of Japanese assets in this country stops commerce. Further shipments Japanese artificial oil doubtful. May turn natural oil to higher, stronger position eventually.

Vetiver.—Java oil scarce and strong. No higher yet. Wide differences in quotations continue.

Aromatic Chemicals

Acetophenone.—Good call.
Amyl Cinnamicaldehyde.—Firm.
Amyl Acetate.—More interest.
Amyl Butyrate.—Demand up.
Anethol.—May advance.
Anisic Aldehyde.—Firmer.
Benzaldehyde.—Demand high.
Benzyl Alcohol—Demand gains.
Benzyl Cinnamate.—Stronger.
Benzyl Formate.—Very firm.
Benzyl Propionate.—Demand holds.
Benzyl Salicylate.—Active.
Benzylidinacetone.—Firmer.
Bromstyrol.—Excellent call.
Cinnamic Aldehyde.—Good call.
Citral.—Strong. Scarce.
Citronellal.—Good movement.
Citronellol.—Tends higher.
Diacetyl.—Stabilized.
Diphenylmethane.—Firm.
Diphenyl Oxide.—Volume holds.
Ethyl Benzoate.—Stocks moderate.
Ethyl Cinnamate.—Broader call.
Ethyl Oenanthate.—Steady call.
Ethyl Oxyhydrate.—Good demand.
Ethyl Vanillin.—High volume call.
Eugenol.—Firm. Active.
Eucalyptol.—Stronger.
Geraniol.—Up, 9c. to $2.50.
Heliotropine.—Interest excellent.
Hydroxycitronellal.—Up to $2.90.
Linalool.—Little competition.
Linalyl Acetate.—Up, $3 to $6.20.
Methyl Acetophenone.—Steady.
Methyl Cinnamate.—Call gains.
Methylhexyl Ketone.—Quieter.
Methylnaphthyl Ketone.—Steadier.
Vanillin.—Prices down. Output up.
Lignin or guaiacol vanillin, $2.15 per pound, eugenol, $2.25.

Tax Bill Seeks Retail Excise on Cosmetic Sales

—Continued from page 3

Toilet Goods Sales Tax

The manufacturers' sales tax on toilet preparations is repealed by the bill and a substitute provision added providing for a 10 percent retail sales tax. The tax is placed upon the retail sale rather than the manufacturer's or importer's sale because of administrative and equitable considerations, the committee explained.

Floor Tax

A floor-stocks tax of $1 per proof-gallon is imposed with respect to distilled spirits which on the effective date of the bill are held for sale or for use in the further manufacture or production of any article intended for sale.

Fancy Matches

The existing law taxes only fancy wooden matches at a rate of 5½ cents per thousand. The bill continues this tax at the same rate and also taxes all other matches at a rate of 2 cents per thousand.

Bottled Soft Drinks

A tax on bottled soft drinks, sold by the bottler or importer, at one-sixth of a cent per bottle for bottles selling at retail for not more than 10 cents per bottle; one-third of a cent for a bottle selling for from 11 to 20 cents; and one-half of a cent for a bottle selling for more than 20 cents, is imposed under the bill. As a corollary to the tax on bottled beverages, a manufacturers' excise tax of 6 cents per gallon is imposed upon finished or fountain syrups sold to any person other than a bottler and a tax of 4 cents per pound is imposed upon carbonic acid gas sold to soda fountains.

$5 Motor Tax

An annual tax of $5 is imposed upon the use of all motor vehicles of the kind chiefly used for highway transportation.

Alcohol Data: 1941

Statistics comparing production, withdrawals, and stocks of pure and denatured ethyl alcohol in the fiscal years July-June, 1941-40 and 1940-39, as reported by the Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, are as follows:—

Ethyl Alcohol

	Proof gallons— July, 1941-40.	July, 1940-39.
Production	298,845,415	243,727,756
Withdrawn—		
Tax paid	27,866,524	24,344,306
Tax free	281,644,667	227,476,422
Stocks, June 30	10,393,252	21,798,554

Denatured Alcohol

	Wine gallons— 1941-40.	1940-39.
Completely		
Produced	17,676,170	15,352,033
Removed	17,718,566	15,495,290
Stocks, June 30	441,151	498,982
Specially		
Produced	135,542,718	111,409,797
Removed	136,022,498	111,509,432
Stocks, June 30	653,416	1,163,490

Bonded Dealers

	Wine gallons— 1941-40.	1940-39.
Specially denatured—		
Received from denaturing plants	4,054,485	3,441,108
Disposed to bonded manufacturers	4,152,317	3,434,797
Inter-dealer shipments	39,314	31,654
Stocks, June 30	279,384	381,655

Obituaries

Russell Colgate

Russell Colgate, a director and former chairman of the board of the Colgate - Palmolive - Peet Company, manufacturer of soap, died July 31 of a heart attack at his estate in Orange, N. J. He was sixty-eight years old.

A native of Orange, N. J., Mr. Colgate graduated from Yale in 1896 with an A.B. degree. He was the last of five brothers, who succeeded to the control of the company on the death of their father. The five brothers ran the Colgate Company's business for years at 105 Hudson street, Jersey City, the main plant of the organization.

Surviving are his wife and a daughter.

Philip H. Manire

Philip H. Manire, vice-president of the Marshall Cotton Oil Company, Marshall, Tex., died in his home July 24. He was seventy-six years of age.

Born in Bedford county, Tenn., Mr. Manire joined the Marshall Cotton Oil Company in the early 1890's as manager. He subsequently became vice-president and a member of the directorate. He also was general manager of the Longview Cotton Oil Company, Longview, Tex. He was a member of the board of directors of the National Fertilizer Association.

Surviving is his wife and a sister.

Francis Paul

Francis Paul, an accountant for the Union Sulphur Company, producers of sulphur and oil, this city, died July 28 at his Brooklyn home. He was sixty-four years of age. Born in Jersey City, Mr. Paul started there with W. R. Grace & Company. He rose to an executive post and lated held a similar position with the United States Rubber Export Company, this city. He joined Union Sulphur twenty-five years ago.

William T. Baird, founder of the Baird Rubber & Trading Company, this city, died July 29 at his Summer home in Sunapee, N. H. He was eighty years old.

Herman Carl Bellinger, who retired last year as vice-president of the Chile Copper Company, died in Spokane, Wash., July 26. He was seventy-four years of age.

Harold P. Hayden, an asphalt technician associated with the Fibre Products Laboratories, New Brunswick, N. J., and for twenty years previous employed by the Barber Asphalt Company, Maurer, N. J., died July 29 in New Brunswick. He was fifty-six years old.

Dr. Robert Thomas Hill, principal geologist of the United States Geological Survey from 1886 to 1930, died July 29. He was eighty-two years old.

Mrs. Sue Duff Dalzell Jones, widow of B. F. Jones, jr., former president and chairman of the board of the Jones & Laughlin Steel Corporation, and a son of its founder, died July 22. She is survived by a son, B. F. Jones 3rd and a daughter, Mrs. John O. Burgwin, both of Sewickley.

Andrew McCrone, general sales-manager for the Standard Products Company, paint manufacturer, Philadelphia, died July 29. He was fifty-two years of age.

William A. Meyer, assistant treasurer of the Interchemical Corporation, this city, died in Lynbrook, L. I., July 28. He was forty-seven years old.

Mrs. C. Wilbur Miller, wife of the former president of the Davison Chemical Company, Baltimore, died at her home at Shawan, Baltimore county, on July 25 after an illness of about three weeks. Surviving are her husband and three children.

William C. R. Murray, president and founder of the Clorox Company of America, died in Oakland, Calif., July 31. He was seventy-one years of age.

KNOCK-OUT
DISAGREEABLE ODORS
And Improve a Large Variety of Solvents and Bases with
deodoromes
If you (as many others have done) will acquaint us with your problem, we are sure that we can effectively and economically improve the odor of your product.
PHONE OR WRITE US TODAY, or better still, send us a sample of your product so that our laboratories can recommend the most advantageous DEODOROME for your purpose.
FELTON CHEMICAL CO., Inc.
599 Johnson Ave., Brooklyn, N.Y.
Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume Oils, Artificial Flower and Flavor Oils
Branches in Principal Cities

Petroleum Products

Eastern Gasoline Stations to Close for Twelve Hours Daily — Ickes Makes Curfew Request for Conservation Purposes—Major Oil Companies Will Comply

Interest in the petroleum market last week was focused on efforts of the government and the industry to conserve refined products, especially gasoline, in the East. Most drastic was the request of Harold Ickes, oil coordinator, that all gasoline filling stations in thirteen Atlantic Coast states, the District of Columbia, and parts of four other states close every night between 7 P.M. and 7 A.M., starting August 3. To assure the effectiveness of the filling station "curfew," about 100,000 retail dealers have been advised that their supply of gasoline and oil may be cut off "in cases of continued and deliberate failure to observe the recommendation." Major oil companies indicated they would comply with the request.

There was no change in the markets for industrial petroleum products last week. Heavy demand continued for all types of solvents and diluents, and paraffin, petrolatums and white mineral oils. Many products were unobtainable and stocks of most were running low. Pennsylvania lubricating oils were advanced and other prices were strong.

Solvents and Diluents

Aromatic Naphthas. — Heavy demand. Some grades unobtainable, others very tight. Offerings and sales limited. Prices firm to strong.

Cleaners' Naphtha.—Exceptionally heavy call. Shipments held down due to tight supply situation. New business discouraged. Price steady.

Lacquer Diluent.—Buyers continued to show active interest in offerings, which were small. Price firm and unchanged.

Mineral Spirits.—Paint manufacturers bidding actively for supplies. Stocks tight. Offerings curtailed. Prices unchanged.

Rubber Solvent.—Fairly large movement to the rubber industry reported. Prices firm and unchanged.

Stoddard Solvent.—Similar to other solvents, demand was heavy and stocks were low. Prices firm.

V.M. & P. Naphthas.—Shipments were smaller last week as suppliers showed less inclination to part with stocks on hand at present price. Quotation firm.

Markets at Other Centers

Chicago—Aug. 1

No indications are seen of diminishing interest in these products. Buyers have been taking more material and offerings remain rather limited. Most products are reported in the best market position in a long period.

Aromatic Naphthas.—Suppliers turning down business, prices extremely strong.

Cleaners' Naphtha.—Activity increasing, market strong.

Lacquer Diluent.—Orders active, market tight.

Mineral Spirits.—Demand large, prices stiff.

Rubber Solvent.—Movement good, no price change.

Stoddard Solvent.—Trade brisk, quotations unchanged.

V. M. & P. Naphtha.—Buying substantial, steady prices.

New Orleans—Aug. 1

Little change was noted in the domestic market on cleaning solvent and V.M. & P. naphtha. Prices were firm and a conservative demand continued.

Cleaning Solvent. — Demand routine, price unchanged.

V. M. & P. Naphtha.—Normal demand; no change in price.

San Francisco—Aug. 1

Demand in all divisions is still running along broad lines. There are ample stocks on hand currently for all needs. No price changes have been posted.

Aromatic Naphthas. — Demand very broad. Price firm.

Petroleum Thinners. — Demand good. Shipments heavy.

Lacquer Diluent.—Very good movement reported. Price firm.

V. M. & P. Naphthas.—Active, with price steady.

Rubber Solvent.—Movement along very good lines. Price firm.

Stoddard Solvent. — Summer requirements has seen the movement upped.

Cleaners' Naphtha. — Routine. Price steady and unchanged.

Tulsa—Aug. 1

A further broadening of demand for specialties occurred this week. Interest in rubber solvents was quieter due to manufacturers having difficulty obtaining rubber. However, other solvents, particularly for paint manufacturers, were in large demand.

Cleaners' Naphtha. — Steady demand. Prices firm.

Stoddard Solvent. — More inquiries. Prices steady.

V. M. & P. Naphtha.—Broad demand. Prices strong.

Mineral Spirits. — Heavier movement. Quotations unrevised.

Lacquer Diluent.—More interest. Prices firm.

Rubber Solvent.—Fair activity. Prices strong.

Lighter Fractions

Butane.—The supply situation continued to give concern as stocks dwindled further. Demand was very heavy, but sales were allocated strictly.

Heptane.—Broader buying interest continued in the market. Offerings fewer. Price firm.

Hexane.—Little of new interest. Demand. offerings and price at previous levels.

Octanes.—Movement into consumption well maintained. Price unchanged.

Pentanes. — Exceptionally heavy call. Stocks small. Price steady.

Propane.—Market tight. Sales allocated. Shipments at previous levels. Price firm to strong.

Markets at Other Centers

Chicago—Aug. 1

A generally strong supply position is reported in most grades of the products in this classification. It continues to be a sellers' market. Offerings are strictly limited for most materials, while inquiries have tended to increase.

Butane.—Demand still heavy, prices strong.

Heptane.—Good continuing interest, no price change.

Hexane. — Increasing call, quotations firm.

Octane. — Interest better, market steady.

Pentanes.—Movement good, prices stiff.

Propane. — Limited offerings, prices hardening.

Tulsa—Aug. 1

A further narrowing of supplies is causing a very tight condition throughout the market for light fractions. Buyers continue to ask for more material than is available from current production.

Butane. — Heavy consuming interest. Market tight.

Propane. — Few offerings. Quotations strong.

Pentane.—Heavy demand. Quotations firm.

Petrolatums and Waxes

Paraffin.—Movement narrow. Active bidding but not enough material to meet demand. Prices on crude scale material nominal.

Petrolatums.—In heavy call. Sales allocated to regular customers. Prices firm to strong.

White Mineral Oils.—Good movement. Slight tightening reported.

Markets at Other Centers

Chicago—Aug. 1

Sellers continue to hold the advantage in most of these products. Movement of material into trade channels has been hampered by inability of suppliers to furnish.

Paraffin. — Demand heavy, prices strong.

Petrolatum. — Sales brisk, quotations firmer.

White Mineral Oils.—Inquiries better, market stiff.

Tulsa—Aug. 1

The market for paraffin and petrolatum is mixed, although inquiries are still heavy.

Paraffin.—Keen interest. Prices strong.

Petrolatum.—Market active. Quotations unchanged.

Fuels and Lubricants

Gasoline.—Demand heavy. Price firm.

Kerosene.—Good movement. No price changes.

Lubricating Oils. — Pennsylvania bright stocks advanced 1c. per gallon to range of 25c. to 28½c. Neutrals oils up 1c. to 31c. to 38c. per gallon for the 150 viscosity and to 33c. to 39c. for the 200 viscosity.

Price Changes

Advanced

Oil, lubricating, Pa., bright stocks, 1c. per gal.
neutral oils, 1c. per gal.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Petrolatum

The demand for all types of petrolatum has broadened greatly in the past few months. One reason for this is the increasing tightness in supplies available in the United States. To date stocks have been adequate, but exports, although license control applies, have held to high levels, while imports had been cut drastically.

Exports of petrolatum from the United States in the first four months of 1940 totaled 22,548,615 pounds, compared with 22,824,055 in the similar period of 1940. Imports during January-April of this year, however, dropped to 320 pounds, against 7,479 in the first third of 1940. Exports in 1940 rose to 58,382,298 pounds from 45,016,868 in the preceding year.

Domestic production is being expanded to meet the increasing demand and to offset the drop in imports. Last production figures available are those of 1939 when 394,000 barrels of petrolatum were produced, compared with 311,000 in the previous year.

Since the outbreak of war there has been a slow upward movement of petrolatum prices. On August 28, 1939, car lots of the amber material were quoted at 2⅝c. per pound. The current quotation is 3½c. per pound.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

BULL'S EYE
EVERY TIME
with
PENN-DRAKE
WHITE OILS
PETROLATUM
•
PENNSYLVANIA REFINING CO.
BUTLER, PA.
Representatives and Stocks in Principal Cities
Makers of Petroleum Sulphonates

MASKING PERFUMES for BAD SMELLING PRODUCTS

• DEPENDABLE
• EFFECTIVE
• ECONOMICAL

JAVOLLAL—A substitute for citronella; imparts cleaner, finer odor.
METHALATE "C"—Replaces methyl salicylate in technical processes at low cost.
SAFRELLA—A low priced, effective substitute for artificial sassafras.
NEUTROLEUM—Completely neutralizes the odor of all preparations based on petroleum distillates.
•
Above deodorizing agents may be used in sprays, insecticides, germicides and other technical mixtures. Write for samples.

FRITZSCHE BROTHERS, Inc.
76 NINTH AVENUE, NEW YORK, N. Y.
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.

PETROLATUMS and WHITE OILS
Buy Sherwood Quality . . . If you're aiming your product at results!
SHERWOOD
REFINING COMPANY, INC.
Englewood, N.J. Refinery, Warren, Pa.

NICKEL FORMATE
Also NICKEL CATALYST - NICKEL CARBONATE
NICKEL OXIDE, Etc.
THE RUFERT CHEMICAL CO., 420 Lexington Avenue, New York, N. Y.

Markets at Other Centers

Chicago—Aug. 1

Not all inquiries can be satified because of limited supply. Suppliers' stocks are not equal to demand.

Gasoline. — Record-breaking demand, market strong.

Kerosene. — Movement fair, no price change.

Lubricating Oils.—Buying large, prices firming.

New Orleans—Aug. 1

A steady trend was evidenced in the gasoline market during the past week, with all prices remaining firm and unchanged. Interest in kerosene continued normal.

Gasoline.—Demand routine; no price change.

Kerosene. — Market firm; price unchanged.

Tulsa—Aug. 1

Low inventories is beginning to be a matter of concern.

Gasoline.—Broad demand. Quotations strong.

Kerosene. — Lighter demand. Prices steady to easy.

Lubricants.—Buyers inquiring actively. Quotations strong.

'Gas' Station Closing Sought by Ickes

—Continued from page 5

tail outlets in that district be confined to the hours of 7 a.m. to 7 p.m. seven days a week."

To assure effectiveness of the proposal, Mr. Ickes is requesting wholesale dealers and suppliers of petroleum products to take such action, "including the refusal to make further deliveries of motor fuel" as may be found appropriate under all of the attendant facts and circumstances. This would apply to cases of continued and deliberate failure on the part of any retailer to observe the recommendation.

The closing of retail outlets serving the public generally is necessary, Mr. Ickes explained, because of the inadequacy of available tanker capacity for transportation of petroleum products from Gulf Coast ports to the Atlantic Coast area, caused by the transfer of American tankers from this trade to the British service. He warned that unless the shortage is abated, it would have serious adverse effects on the program of the national defense effort and become increasingly detrimental to the public interest generally.

The coordinator warned that this action does not preclude the possibility that it may be necessary to impose an involuntary or mandatory system of rationing, but said that he hoped the closing of the stations together with the voluntary reduction of consumption which he requested last week, will result in a curtailment of 33⅓ percent.

Petroleum Coordinators Appointed by Ickes

—Continued from page 5

executive officer, Stanley M. Crosthwait; and special assistant (liaison), William S. Arnold.

Tender Board Suboffices

Secretary of the Interior Harold L. Ickes said that sub-offices of Federal Tender Board No. 1 will be established at Midland, Houston, and Corpus Christi, Tex., and New Orleans, La., to further the enforcement of the Connally act. The personnel for these offices will be transferred from the Kilgore office of Federal Tender Board No. 1.

The examiners in charge of the suboffices will be Selman L. Jones, Midland, Tex.; James K. Wilson, Houston, Tex.; Lindsay L. Hollingsworth, Corpus Christi, Tex.; and Robert M. Bennett, New Orleans, La.

H.L. Doherty Fund Awards Seven New Scholarships

The award of seven new scholarships by the Henry D. Doherty Educational Foundation was announced last week. Recipients were sons and daughters of Cities Service organization's personnel in seven states, based on the scholarship's background of the applicants. The foundation, organized by employees in 1939 in honor of the late Henry L. Doherty, has awarded a total of twenty-six scholarships.

Oil Executives Criticize 'Independents' Meaning

—Continued from page 5

tion to his description of "independents" in the oil industry on the grounds that everyone connected with petroleum with the exception of the twenty major integrated companies was classed as independent. This group, they said, included a number of fully integrated companies as well as individual well owners and operators, large and small producers, and refiners, and even some of the companies which were divorced from the old Standard Oil Company.

Criticizing this conception of "independents," the review said:

Mr. Cook, in trying to speak for all such different sorts of independents, has undertaken a most difficult role. By failing to recognize frankly and fully the difference of interest among the independents, he has been led to accept contradictory complaints. All of the complaints of the independents cannot be added together to make an impressive total, for some complaints cancel out.

The most common complaint in the oil industry, and perhaps, indeed, in any industry, is about prices. The producers of crude oil quite commonly would wish that its prices might be higher, while the refiners, on the other hand, would like to get their raw material cheaper.

Either group may sometimes wish to fix personal responsibility for their unsatisfied desires and blame it all on a group of companies or another branch of the industry. But obviously even the majors cannot at one and the same time push crude prices down to oppress the independent producer and push them up to squeeze the independent refiner.

Trade Briefs

California petroleum products sales in the first five months of 1941 totaled 104,904,000 barrels, an increase of 7.5 percent over the same period a year ago.

Barnsdall Oil Company, Tulsa, Okla., has sold to the Standolind Oil & Gas Company for $5,000,000 approximately 102 leases in the west Texas field.

Pressed Steel Car Company has conducted road tests on a 28-ton medium armored tank at its Hegewisch, Ill., plant. It was the first tank produced by the company.

Texas Oil Firms to Join In Building Recycling Unit

Houston, July 30, 1941

Four oil companies have announced plans for the construction of a recycling plant of sufficient capacity to process up to 35,000,000 cubic feet of gas daily, on which basis the condensate yield would be about 2,000 barrels. The plant will be built in the Chapel Hill area of Smith County, Tex., by the Sun Oil Company, Sinclair Prairie Oil Company, Hunt Oil Company and Shell Oil Company, Inc., with the latter firm operating the plant. Construction will start after approval by the State Railroad Commission after a hearing August 6 in Austin.

Texas Oil Output Aug. 10 To Be Donated to Britain

Austin, Tex., Aug. 1, 1941

August 10, previously slated as a shutdown day for Texas oil fields, will be designated as Texas-Oil-for-Britain Day. The State Railroad Commission has approved a plan to donate to Great Britain a full day's production of oil from Texas' flush fields. Potential production is estimated at 2,000,000 barrels. The donation plan, conceived by John F. Camp, San Antonio oil operator, won the approval of Federal Petroleum Coordinator Harold Ickes.

Continental Oil Plant Damaged by Explosion

Baltimore, July 26, 1941

A tank containing chemicals burst into flames and exploded today at the plant of the Continental Oil Company, this city. Seventeen men suffered burns. The blaze started in one of the stills used to crack crude petroleum into gasoline and other products. Firemen prevented the blaze from spreading to 500,000 barrels of petroleum by-products stored on the grounds and to other nearby oil refineries.

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Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Plants

Spraying Agents for Protecting and Treating Plants

(Continued from July 28 issue)

Barium fluosilicate
Betaethoxyethyl betathiocyanoproprionate
Betaethoxyethyl thiocyanoacetate
Betathiocyano derivative of diethyleneglycol monopropyl-ether
Betathiocyanoacetate of diethyleneglycol monobutylether
Betathiocyanoethyl butylether
Betathiocyanoethyl ethylether
Betathiocyanoethyl methylether
Betathiocyanoethyl phenylether
Betathiocyanopropionic acid amylester
Betathiocyanopropionic acid betaethoxyester
Betathiocyanopropionic acid butylester
Betathiocyanopropionic acid cyclohexylester
Betathiocyanopropionic acid secondary octyl-ester
Borax
Bordeaux mixture
Bordow
Butyl betathiocyano-propionate
Cacodyl thiocyanate
Calcium arsenate
Calcium arsenite
Calcium chloride
Calcium hydroxide
Calcium oleate
Calcium pentasulphide
Calcium soaps
Calcium sulphide
Calcium tetrasulphide
Calcium thiosulphate
Calcium-potassium arsenite
Calcium-sodium arsenite
Carbolic acid
Carbolineum
Carbon bisulphide
Carbon dioxide
Carbon tetrachloride
Cerium arsenate
Cerium arsenite
Cerium chloride
Cerium salts
Chlorinated phorone with alkali thiocyanates
Chloroacetone reacted with potassium thiocyanate
Chromium arsenate
Chromium arsenite
Coaltar
Coaltar derivatives
Copper acetate
Copper acetoarsenite
Copper arsenate
Copper arsenite
Copper carbonate
Copper chloride
Copper hydroxide
Copper nitrate
Copper oleate
Copper silicofluoride
Copper smelter refuse
Copper soaps
Copper subacetate
Copper sulphate
Copper sulphate with sodium carbonate
Copper-arsenical dusting compounds
Corn oil soap
Creosote oil emulsions
Cresol emulsions
Cresol soaps
Cresylic acid-oil emulsions
Cyanides
Derris root
Dithiocyanates
Dithioglycolic acid reacted with arsenodiethyl
Esters of thiophosphoric acid and cresol
Ethyl-mercury chlorides
Ethyl-mercury compounds
Ethyl-mercury-chlorophenol
Ethyl-mercury-cresol
Ethyl-mercury-nitrophenol
Ethyl-mercury-cyanocresol
Ethyl-mercury-furfuramide
Ethyl-mercury-phenol
Ferric arsenate
Ferric ferrocyanide
Ferrous sulphate
Fish-oil soaps
Formaldehyde
Formates
Furfural
Gas lime
Inorganic poisons
Insect flowers
Iron arsenate
Iron arsenite
Iron chloride
Isothiocyanic acid allyl-ester
Kerosene emulsions
Lead acetate
Lead arsenate
Lead arsenite
Lead carbonate
Lead nitrate
Lead oxide
Lead soaps
Lead sulphate
Lethane
Lime
Lime-sulphur compounds
Magnesium arsenate
Magnesium arsenite
Magnesium oleate
Magnesium silicate
Mercury aminochlorides
Mercury chlorides
Mercury compounds
Mercury-ethyl derivatives
Metachlorobenzal thiocyanate
Metacyanobenzal thiocyanate
Metallic salts of diethiocarbamic acid
Methyl thiocyanate
Mineral oil emulsions
Mineral oil soaps
Monothiocyanates
Montanic acid esters of sulphonated compounds
Naphthyl thiocyanate
Nicotine
Nicotine chloride
Nicotine sulphate
Nitrobenzyl thiocyanate
Nitrothiocyanic esters
Paradichlorobenzene
Paradow
Parathiocresols
Paris green
Petroleum oil emulsions
Phenacyl thiocyanate
Phenol
Phenothiazin
Phenyl disulphide
Phenyl thiocyanate
Phenylacetylimidoparatolyl hydrochloride-sulphide
Phenylthiourea
Picolin dithiocyanate
Polycyclic ethers
Polythiocyanates
Potassium arsenate
Potassium carbonate
Potassium chlorate
Potassium cyanide
Potassium dithiocarbonate
Potassium fluosilicate
Potassium isobutylxanthate
Potassium pentamethyldithiocarbamate
Potassium salt of xanthic acid
Potassium vanadite
Propyl ester of xanthic acid
Propyl mercaptan
Pyrethol 20
Pyrethrum
Pyridyl thiocyanate
Rhodanic acid
Rhodanin
Rotenone
Selocide
Silicates
Sludge sulphonates
Sludge sulphonic acids
Soaps
Soap-sludge sulphate
Sodium arsenate
Sodium arsenite
Sodium borate
Sodium butyldithiocarbamate
Sodium cyanide
Sodium dibutyldithiocarbamate
Sodium diethyldithiocarbamate
Sodium dimethyldithiocarbamate
Sodium fluoride
Sodium fluosilicate
Sulphocyanates
Sulphur-arsenical dusts
Tannic acid
Tar acids
Tetramethyl thiuram-monosulphide
Thio acids and derivatives
Thiocarbamates
Thiocarbonates
Thiocarbanilide
Thiocresyl benzylether
Thiocyanates
Thiocyanic acid allyl-ester
Thiocyanic acid amino-anisylester
Thiocyanic acid amino-phenylester
Thiocyanic acid benzyl-ester
Thiocyanid acid 6-bromoisophthalester
Thiocyanic acid N-butylester
Thiocyanic acid butyl-mercuriester
Thiocyanic acid cholor-benzylester
Thiocyanic acid 2-chlor-6-methoxyparaxylyl-ester
Thiocyanic acid 2:2-dimethoxyparaxylyles-ter
Thiocyanic acid dimethylarseno derivatives
Thiocyanic acid 2:4-dinitrophenylester
Thiocyanic acid 2:2-ethoxyethyoxyethyl-ester
Thiocyanic acid 2-ethoxyethylester
Thiocyanic acid ethyl-ester
Thiocyanic acid ethyl-idenester
Thiocyanic acid guanidin salt
Thiocyanic acid hydronaphthylester
Thiocyanic acid meta-chlorobenzalester
Thiocyanic acid meta-cyanbenzalester
Thiocyanic acid 2-methoxyethylester
Thiocyanic acid 6-methoxymetaxylyl-ester
Thiocyanic acid methyl-enester

(To be continued)

Fertilizer Materials

Chilean Nitrate of Soda Advanced for Delivery Through October —Freight Rates and Bag Costs Reasons for Increase —Dried Menhaden Futures Lower

Prices on bagged and bulk Chilean nitrate of soda were advanced sharply August 1. Quotations are now higher than at any time during 1940 and are above present prices on domestic material. Quotations on the imported product are effective through October 31. Reasons for the advance were higher freight rates, war-risk insurance and increased costs for burlap and cotton bags.

The tightness in sulphate of ammonia became more acute during the past week. June production of 122,783,238 pounds was above the 117,198,000 of June, 1940, but was 2 percent lower than the May, 1941, figure of 122,989,870. Many independent producers were reported to have contracted for their entire productions. Superphosphate prices were strong, due to higher prices for phosphate rock, tightness in the market for sulphuric acid, and heavy demand. Potash salts were moving well but becoming slightly hard to obtain.

There was little in the way of an outstanding trend in the market for ammoniates. Exceptionally heavy catches of menhaden in the Chesapeake Bay area caused larger offerings, and a consequent drop in the price of dried menhaden futures. Imported blood and tankage were reduced. Feed tankage also was advanced at New York. Supplies of nitrogenous material were scarce and Midwestern prices were nominal.

Nitrogenates

Anhydrous Ammonia.—Few offerings. Demand good.

Ammonia Phosphate.—Little material available. Few imports from Canada. Price nominal.

Calcium Nitrate. — Unobtainable. Prices withdrawn.

Castor Pomace. — Previous price prevailed. Small demand.

Cyanamid.—Market very tight. Few offerings.

Dried Blood. — Imported material advanced 10c. per unit to $3.40. Domestic grades unchanged. Demand fair.

Fish Scrap.—Sales of dried menhaden futures made at $4.50 and 10c., a drop of 15c. per unit. Spot meal unchanged. Offerings of scrap large.

Nitrate of Soda.—Chilean nitrate of soda will be sold through October 31, 1941, on the following basis:—Bulk, $30 per ton; 200-pound bags, $32.40, and 100-pound bags, $33. Prices are for delivery f.o.b. Atlantic, Gulf or Pacific ports. Bulk price is $3 per ton higher than last season and $3 higher than the present price for domestic material. Material in 200-pound bags is $3.70 above last season's price and the present domestic price, while the price on 100-pound bags is $3.60 higher.

Nitrogenous Material.—Short supplies were reported in the Midwest and prices were nominal. Eastern Coast market was tight.

Sulphate of Ammonia.—Very tight. Many small independent producers have already contracted for their total output. Prices unchanged.

Tankage.—Feed material advanced 10c. per unit to $4.50 and 10c. at New York. Imported tankage up 25c. per unit to $4.25 and 10c.

Urea.—Demand heavy. Offerings small. Prices unchanged.

Price Changes

Advanced

Blood, dried, imp., 10c. per unit.
Bone, meal, 1¼ and 60, imp., $2 per ton.
Soda, nitrate, crude, imp., c.i., bulk, $3 per ton, f.o.b. ports
200-lb. bgs., same basis, $3.70 per ton
100-lb. bgs., same basis, $3.60 per ton
Cottonseed meal, 8%, $2 per ton, Southeast
Tankage, dom., feed, 10c. per unit, f.o.b. N.Y.
imp., 25c. per unit, c.i.f. ports.

Reduced

Fish scrap, dried menhaden, futures, 15c. per unit, f.o.b. Chesapeake Bay factories.

Comparative Values

Index numbers compiled from four typical fertilizer materials, on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.2	69.1	69.1	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Cyanamid

Imports of calcium cyanamid by the United States is beginning to return to a more normal basis this year. When war was declared in the Fall of 1939, shipments of cyanamid to this country were halted for a time and then resumed very slowly. Total imports for 1940 were 118,363 tons, compared with 132,698 in 1939. In the first four months of 1941, however, imports were 99,704 tons, against 78,233 in the similar period of 1940.

As the major supply of cyanamid comes from Canada, sellers in the United States were forced to await decisions of Canadian officials before being able to move any material to this country. In recent months, however, the Canadian government has seen fit to release ever-increasing amounts to the United States.

Due to the difficulty in anticipating shipments, and the fluctuating costs of freight and production, suppliers in the United States have been unable to issue a regular price schedule for cyanamid. In August, 1939, it was priced at $1.27½ per unit. By July, 1940, the price had jumped to $1.40 per unit, a level held until March of this year, when quotations were withdrawn.

Potashes

Delivery of domestic potash salts remained brisk last week, with a slight tightening in the supply situation apparent. Resumption of shipments by one producer tended to ease the situation somewhat. Prices were firm and unrevised.

Phosphates

Bone Materials.—The imported 1¼ and 16-bone meal was advanced $2 per ton to $42. Other grades, domestic and imported, were strong. Offerings were limited due to tightness.

Phosphate Rock.—Very strong. In good demand.

Superphosphate. — Very strong but unchanged. Demand heavy. Sales limited due to tightness.

Sulphur and Pyrites

Demand for contract delivery continued to taper off slightly. Inquiries were as numerous as ever, however, and new business was reported fair. Prices were steady and unchanged.

Markets at Other Centers

Atlanta—Aug. 1

Summer quiet prevails in the fertilizer material market. Some materials are hard to get. Prices are firm, except for an advance in cottonseed meal.

Superphosphate.—58c. per unit, interior producing points.

Sulphate of Ammonia.—$29, port basis; $28, ovens.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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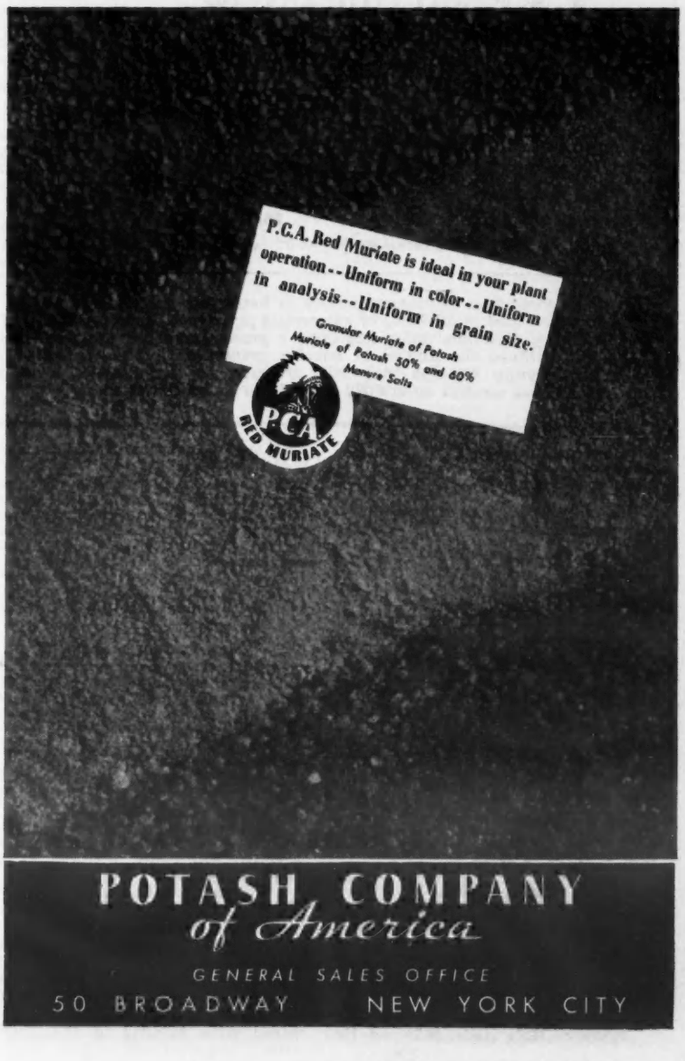
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Cottonseed Meal.—$34 to $34.50 per ton. Southeast.

Blood.—$3.75 per unit, Chicago; $3.40, ports.

Bone.—Steam bone meal, 3 and 50, $37 per ton, Chicago.

Baltimore—Aug. 1

While some crude fertilizer materials have stiffened, others are either unchanged or a shade easier.

Fish Scrap.—Sales of dried menhaden futures made at $4.50 and 10c. per unit, a drop of 15c. A good demand for spot meal is reported and prices are held at $66 per ton.

Superphosphate.—Despite a growing scarcity, quotations for contract supplies remain unchanged.

Tankage.—The market is well sold up, with offerings scarce.

Dried Blood.—Trading is characterized by firmness, with last sales at $3.50. South American stocks are being quoted at $3.40 per unit-ton, c.i.f.

Bone.—Trading in fairly good volume, with 4½c. and 50 ground raw stocks held at $37.50 to $38.50 per ton.

Chicago—Aug. 1

The fertilizer materials market shows few changes in prices, with transactions rather featureless. Demand has been fairly good for organics. Offerings remain moderate in trend. Blood business fair. Tankage quiet. Bone materials in fair call.

Blood.—Principal grade, $3.75 per unit.

Tankage.—High grade, $4.75 and 10c.; hoof meal, $2.65 to $2.75; liquid stick, $1.50 to $1.75.

Bone Materials.—Ground, steamed bone, 1¼ and 60 percent, $40; 3 and 50 percent, $37; 4½ and 50 percent, $37.50; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $35 to $37.50; pork cracklings, soft pressed, $47.50 to $52.50; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 95c. to $1.

San Francisco—Aug. 1

Fertilizer trade is very quiet here. Organics are, in most cases, in rather light supply, but no pressing need is being felt. The market at large developed no price changes whatsoever.

Sulphate of Ammonia.—$38 per ton in 100-pound bags.

Nitrate of Soda.—100-pound bags, $29.40 per ton, ex vessel or warehouse; 167-pound bags, $28.70. Bulk, $27.

Fish Meal.—Futures, $69.50 per ton for 67 percent protein materials, f.o.b. San Francisco Bay points. Monterey, 65 percent protein, $69.

Freeport Sulphur Net Up

Net income of the Freeport Sulphur Company for the June quarter this year amounted to $953,419 after all charges, including depreciation, depletion and reserve for taxes, compared with $636,578 in the similar period a year ago. These earnings are equivalent to $1.20 each on 796,380 shares of common stock, compared with 80 cents a share for the second quarter of 1940.

Kingsburg Cotton Oil To Rebuild Wrecked Plant

Kingsburg, Calif., July 29, 1941

The main plant of the Kingsburg Cotton Oil Company, at Kingsburg, Calif., which was badly damaged by fire on June 28, will be rebuilt immediately, it was said by E. J. Cecil, president, and will be ready in time for the cotton harvest around the end of September. The chemical laboratory and refinery were completely destroyed. The undamaged part of the plant will resume operations by the second week in July.

Fertilizer Cooperative to Set Up Emergency Fund

Baltimore, July 25, 1941

Stockholders of the Cooperative Fertilizer Service, Inc., of Baltimore, an affiliate of the Southern States Cooperative in annual session here, at the Lord Baltimore Hotel today, adopted a resolution to put aside all of the earnings with the exception of the dividend on the stock as a reserve for meeting emergencies.

Officers elected were:—President, T. K. Wolfe, Richmond, Va.; first vice-president, H. S. Agster, Harrisburg, Pa.; second vice-president, D. W. Eamon, Raleigh, N. C.; executive vice-president, M. F. Borden, Baltimore, Md., and secretary-treasurer, O. P. Bernhardt, Baltimore.

Pine Tar Production Method Developed in Sweden

OPD Washington Bureau July 29, 1941

New methods for the production of pine tar have been developed in Sweden as a result of a series of experiments recently completed. Manufacture of pine tar from stumps is now being planned on an increasing scale in all parts of the country, according to the Department of Commerce. A new wood turpentine factory has been erected at Hejde on the Island of Gotland and the necessary machinery installed. This factory will consume 8,000 cubic meters of roots annually and from this raw material will be produced 60 metric tons of turpentine, 60 tons of methanol, as well as charcoal and pine tar.

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68 cs, Brown Bros, Harrimann Co, Lisbon
102 cs, Brown Bros, Harrimann Co, Lisbon
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ANTIMONY METAL—99 cs, New York & Cuba Mail S S Co, Tampico
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686 bgs, Chemical Bank Trust Co, Antofagasta
1,472 bgs, Banco Minero de Bolivia, Antofagasta
1,378 bgs, Banco Minero de Bolivia, Antofagasta
400 bgs, Banco Minero de Bolivia, Antofagasta
677 bgs, Chemical Bank Trust Co, Arica
380 bgs, Metal Traders, Callao
405 bgs, Metal Traders, Callao
ARROWROOT—1,000 bbls, Morningstar Nicol, Inc, St Vincent
2,003 bgs, Morningstar Nicol, Inc, St Vincent
1,000 bgs, Morningstar Nicol, Inc, St Vincent
ARSENIC, BLACK—98 bbls, American Smelting & Refg Co, Tampico
WHITE—85 bbls, American Smelting & Refg Co, Tampico
173 bbls, New York & Cuba Mail S S Co, Tampico
155 bbls, American Smelting & Refg Co, Tampico
ASPHALT—400 bgs, Allied Asphalt & Mineral Co, Havana
398 bgs, Allied Asphalt & Mineral Co, Havana
BAUXITE ORE—2,723 tons, Port Spain
3,906 tons, Aluminum Co, Getorgetown
BEEF LIVER—30 kegs, Lederle Lab, Havana
BRISTLES—23 cs, A A Krejtman, Shanghai
25 cs, Block Bros, Shanghai
15 cs, F H Cone & Co, Shanghai
50 cs, N Wagman & Co, Hongkong
85 cs, F H Cone & Co, Hongkong
100 cs, N Wagman & Co, Hongkong
200 cs, F H Cone & Co, Hongkong
18 cs, Universal Trading Corp, Hongkong
50 cs, F H Cone & Co, Shanghai
14 cs, M Broverman & Son, Shanghai
80 cs, Universal Trading Corp, Hongkong
50 cs, H Rosenhirsch Co, Hongkong
100 cs, Universal Trading Co, Hongkong
50 cs, Universal Trading Co, Hongkong
CALCIUM TARTRATE—125 bgs, W H Grace & Co. San Antonio
420 bgs, Valparaiso
CAROBS—500 bgs, Irving Trust Co, Lisbon
CASSIA—200 bls, Elbrook, Inc, Hongkong
84 bls, Knickerbocker Mills Co, Hongkong
100 bls, Van Loan & Co, Hongkong
BROKEN — 100 bls, Jewett & Sherman, Hongkong
47 bls, A G Dunn, Hongkong
200 bls, A G Dunn, Hongkong
BUDS—65 bgs, B H Old & Co, Hongkong
ROLLS—40 bls, Wm Archibald, Hongkong
25 bls, Archibald & Kendall, Hongkong
50 bls, Durkee Famous Food, Hongkong
200 bls, Durkee Famous Food, Hongkong
CASTOR BEANS—7,650 bgs, Baker Castor Oil Co, Bahia
1,700 bgs, Baker Castor Oil Co, Bahia
4,348 bgs, Baker Castor Oil Co, Rio de Janeiro
1,694 bgs, Baker Castor Oil Co, Bahia
1,700 bgs, Spencer Kellogg & Sons, Bahia
1,694 bgs, Bahia
1,694 bgs, Baker Castor Oil Co, Bahia
5,100 bgs, Baker Castor Oil Co, Bahia
3,400 bgs, Baker Castor Oil Co, Bahia
1,693 bgs, Baker Castor Oil Co, Bahia
1 bg, J H Frankenberg, Port au Prince
CHEMICALS — 40 pkgs, Cincinnati Chem Works, Lisbon
2 pkgs, Hoffmann-La Roche, Lisbon
83 cs, Ciba Co, Lisbon
6 bbls, Cincinnati Chem Works, Lisbon
27 bbls, Sandoz Chem Works, Lisbon
7 pkgs, J E Bernard & Co, Lisbon
38 cs, Rohner, Gehrig & Co, Lisbon
96 pkgs, J E Bernard & Co, Lisbon
34 cs, Firmenich & Co, Lisbon
5 cs, Dirtheim & Co, Lisbon
33 cs, G Wehry & Co, Lisbon
26 cs, Rohner, Gehrig & Co, Lisbon
12 cs, Walter Rothlaberger, Lisbon
28 cs, Firmenich & Co, Lisbon
5 cs, E G Mantius, Lisbon
5 cs, Ciba Co, Lisbon
SYNTHETIC—14 cs, Givaudan Delawanna, Lisbon
TEXTILE — 137 dms, Goudrand Shipping Co, Lisbon
32 dms, Sandoz Chem Works, Lisbon
20 bbls, New York & Cuba Mail S S Co, Lisbon
COCOA BEANS—438 bgs, Daarnhonwer & Co, La Guaira
4,000 bgs, Machado & Co, La Guaira
304 bgs, Hershey Chocolate Corp, Puerto Cabello
350 bgs, General Cocoa Co, Puerto Cabello
250 bgs, Wood & Selick, Guayaquil
1,750 bgs, Guayaquil
250 bgs, Gillespie & Co, Puerto Plata
2,294 bgs, Curacao Trading Co, Puerto Plata
250 bgs, Cristobal
250 bgs, Cristobal
250 bgs, Agestine Canale, Cristobal
250 bgs, Cristobal
44 bgs, Schutte & Focke, Trujillo
1,000 bgs, Wessel, Kulenkampf & Co, Trujillo
1,872 bgs, Curacao Trading Co, Trujillo
2,187 bgs, Machado & Co, Trujillo
500 bgs, Wessel, Kulenkampf & Co, Trujillo
750 bgs, Gillespie & Co, Trujillo
250 bgs, Wessel, Kulenkampf & Co, Trujillo
250 bgs, Porcelli Vicini & Co, Trujillo
1,500 bgs, Machado & Co, Puerto Plata
COCONUT, DESIC—2,034 pkgs, Philippine Desic Coconut Corp, Manila
1,000 pkgs, Wood & Selick, Manila
1,328 pkgs, Durkee Famous Food, Manila
3,423 pkgs, General Food Sales Corp, Manila
1,522 pkgs, Durkee Famous Food, Manila
2,116 pkgs, General Food Sales Corp, Manila
COCONUTS—1,000 bgs, General Food Co, St Vincent
1,800 bgs, General Food Co, St Lucia
125 bgs, H Walters, St Lucia
220 bgs, Roseau
300 bgs, I L Toledano Corp, Cristobal
CORKS—60 bgs, Mundet Cork Corp, Lisbon
21 bgs, Mundet Cork & Insulation Co, Lisbon
10 bgs, Cox & Fahner, Lisbon
7 bgs, Atlantic Shipping Agency, Lisbon
38 bgs, Atlantic Freighting Corp, Lisbon
21 bgs, Roldam, Calle & Co, Barcelona
107 bgs, Atlantic Freighting Corp, Barcelona
15 bgs, National Carloading Corp, Barcelona
5 bgs, C Da Silvas, Oporto
26 bls, 17 bgs, Mundet Cork Corp, Lisbon
2 bgs, Mundet Cork & Insulation Co, Lisbon
28 bgs, Penson & Co, Lisbon
191 bgs, C J Hendry, Lisbon
15 bgs, Flomarcy & Co, Lisbon
112 bgs, Penson & Co, Lisbon
15 bls, H E Botzow, Lisbon
77 bls, Bisbe Cork Co, Lisbon
BOARDS — 94 cs, United Auctioneers & Sales Corp, Lisbon
1,000 cs, Mundet Cork Corp, Lisbon
DISCS—75 bgs, United Fruit Co, Lisbon
30 bgs, Baldwin Universal Co, Lisbon
50 bgs, Crown Cork & Seal Co, Lisbon
30 bgs, Crown Cork & Seal Co, Lisbon
FLOATS—248 bls, Atlantic Freighting Corp, Barcelona
SHAVINGS—2,162 bls, Mundet Cork Corp, Lisbon
1,030 bls, Wicander & Co, Lisbon
491 bls, Chase National Bank, Oporto
VIRGIN—590 bls, Corn Exchange National Bank, Oporto
55 bls, Armstrong Cork Co, Oporto
717 bls, Armstrong Cork Co, Oporto
1,119 bls, Mundet Cork Corp, Lisbon
350 bls, Mundet Cork Corp, Lisbon
780 bls, Mundet Cork Corp, Lisbon
1,000 bls, Wicander & Co, Lisbon
10 bls, Cox & Fahner, Lisbon
1,150 bls, Bond Mfg Corp, Lisbon
265 bls, Mundet Cork Corp, Lisbon
194 bls, Armstrong Cork Corp, Lisbon
WASTE—713 bls, Armstrong Cork Co, Lisbon
350 bls, Mundet Cork Corp, Lisbon
430 bls, Mundet Cork Corp, Lisbon
10 bls, Cox & Fahner, Lisbon
1,395 Baldwin Universal Co, Lisbon
700 bls, Mundet Cork Corp, Lisbon
1,174 bls, Baldwin Universal Co, Lisbon
697 bls, Mundet Cork Corp, Lisbon
249 bls, Mundet Cork Corp, Lisbon
1,546 bls, Baldwin Universal Co, Lisbon
710 bls, Armstrong Cork Corp, Lisbon
402 bls, Armstrong Cork Corp, Lisbon
913 bls, Wicander & Co, Oporto
3,148 bls, Congoleum Nairn Co, Oporto
637 bls, National City Bank, Oporto
106 bls, H Stern Co, Oporto
150 bls, Mundet Cork Corp, Lisbon
WOOD—1,130 bls, Mundet Cork Corp, Lisbon
1,445 bls, Wicander & Co, Lisbon
173 bls, Armstrong Cork Corp, Lisbon
143 bls, Atlantic Freighting Co, Lisbon
71 bls, Armstrong Cork Corp, Barcelona
280 bls, Armstrong Cork Corp, Barcelona
660 bls, Mundet Cork Corp, Lisbon
30 bls, Titan Shipping Co, Lisbon
258 bls, Atlantic Pacific Mfg Co, Lisbon
731 bls, Mundet Cork Corp, Lisbon
81 bls, Mundet Cork Corp, Lisbon
60 bls, Ontario Cork Co, Lisbon
64 bls, Cork Product Co, Lisbon
150 bls, Wicander & Co, Lisbon
COTTON HULL FIBER—365 bls, Hercules Powder Co, Santos
848 bls, Hercules Powder Co, Santos
1,275 bls, Hercules Powder Co, Santos
LINTERS—1,375 bls, Hercules Powder Co, Santos
482 bls, Hercules Powder Co, Santos
314 bls, Hercules Powder Co, Santos
837 bls, Hercules Powder Co, Santos
1,653 bls, Hercules Powder Co, Santos
769 bls, Hercules Powder Co, Santos
LINTERS RESIDUE—398 bls, Hercules Powder Co, Santos
350 bls, Hercules Powder Co, Santos
CUMIN SEED—160 bgs, Atlantic Freighting Corp, Malaga
DIVI-DIVI—1,027 bgs, National City Bank, Barranquilla
DRAGONS BLOOD—16 cs, Colombo
DRUGS, CRUDE—35 bbls, E S Ullman Allied Corp, Callao
DYES, ANILIN—42 pkgs, Ciba Co, Lisbon
83 pkgs, Sandoz Chem Works, Lisbon
32 pkgs, Carbic Color & Chem Co, Lisbon
21 dms, Goudrand Shipping Co, Lisbon
103 pkgs, Ciba Co, Lisbon
138 bbls, Geigy Co, Lisbon
62 dms, Sandoz Chem Works, Lisbon
46 bbls, J E Bernard & Co, Lisbon
22 bbls, New York & Cuba Mail S S Co, Lisbon
36 bbls, Geigy Co, Lisbon
41 kgs, Carbic Color & Chem Co, Lisbon
3 cns, Carbic Color & Chem Co, Lisbon
46 bbls, J E Bernard & Co, Lisbon
13 bbls, Geigy Co, Lisbon
EARTH, MINERAL—374 bgs, Pomeroy & Fischer, Vera Cruz
ERGOT—19 dms, S B Penick & Co, Oporto
FENNEL SEED—60 bgs, Chemical Bank Trust Co, Buenos Aires
FISH MEAL—1,872 bgs, Iceland
FLAXSEED—2,889 bgs, 6,355 bus, Kuiper & Bolle, Buenos Aires
1,349 tons, 53,960 bus, Kuiper & Bolle, Buenos Aires
FUSTIC—2,103 pcs, American Dyewood Co, Cristobal
STRAIGHT—20 tons, American Dyewood Co, Kingston
GAMBIER—107 cs, E E Androvette, Singapore
BLOCK—119 cs, L Littlejohn & Co, Singapore
123 cs, L Littlejohn & Co, Singapore
GAMBIER, CUBE—70 bgs, L Littlejohn & Co, Singapore
144 bgs, J W Phybe & Co, Singapore
GENTIAN ROOT—16 bls, R Hilliers Son Corp, Bilbao
252 bls, The Arles Co, Hongkong
GLASS, WINDOW—519 cs, New York & Cuba Mail S S Co, Tampico
790 cs, New York & Cuba Mail S S Co, Tampico
GLUE BONES—3,048 bgs, Santos
300 bgs, National City Bank, Santos
400 bgs, Irving Trust Co, Santos
GLUESTOCK—180 bgs, Vera Cruz
15 pkgs, Balfour, Guthrie & Co, Havana
250 bls, Remis & Co, Havana
GRAPHITE—250 bgs, C E Pettinos, Colombo
250 bgs, Paterson, Boardman & Knapp, Colombo
572 bgs, Asbury Graphite Mills, Colombo
250 bgs, Joseph Dixon Crucible Co, Colombo
250 bgs, J F Starkey & Co, Colombo
288 bgs, Joseph Dixon Crucible Co, Colombo
GUM, DAMMAR—384 bgs, S Winterbourne & Co, Singapore
210 bgs, Thurston & Braidich, Singapore
140 bgs, France, Campbell & Darling, Singapore
384 bgs, S Winterbourne & Co, Singapore
840 bgs, O G Innes Corp, Singapore
50 cs, O G Innes Corp, Singapore
210 bgs, Thurston & Braidich, Singapore
140 bgs, O G Innes Corp, Singapore
420 bgs, Thurston & Braidich, Singapore
50 cs, Gillespie-Rogers-Pyatt Co, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, Singapore
420 bgs, O G Innes Corp, Singapore
50 cs, G W S Patterson & Co, Singapore
310 cs, O G Innes Corp, Singapore
210 cs, Thurston & Braidich, Singapore
70 bgs, Gillespie-Rogers-Pyatt Co, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, Singapore
50 cs, O G Innes Corp, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, Singapore
210 bgs, O G Innes Corp, Singapore
200 cs, Stroock & Wittenberg, Singapore
210 bgs, American Cyanamid & Chem Co, Singapore
210 bgs, O G Innes Corp, Singapore
210 bgs, G W S Patterson & Co, Singapore
70 bgs, Thurston & Braidich, Singapore
210 bgs, American Cyanamid & Chem Co, Singapore
50 cs, O G Innes Corp, Singapore
GUAIAC—9 cs, Curacao Trading Co, Trujillo
LARDANUM—73 dms, Norda Essential Oil & Chem Co, Seville
10 cs, Valencia
PENDARE—108 bgs, Chicle Development Co, Port Spain
PERILLA—23 bls, Chicle Development Co, Cristobal
HOPS—10 cs, S Stern Stiner Co, Lisbon
HOREHOUND LEAVES—41 bls, E Meer & Co, Alicante
194 bls, Alicante
ILMENITE SAND—800 tons, National Lead Co, Alleppey
INDIGO—32 dms, Goudrand Shipping Co, Lisbon
IPECAC ROOT—6 bgs, Murbas Trading Co, Puerto Limon
12 bgs, Murbas Trading Co, Puerto Limon
IRON ORE—128 bgs, Barium Steel Co, Havana
OXIDE—376 bbls, C K Williams & Co, Malaga
455 bbls, C J Osborn & Co, Malaga
200 bbls, Reichard-Coulston, Inc, Malaga
125 bbls, C K Williams & Co, Malaga
LAUREL LEAVES—80 bls, A G Dunn, Alicante
66 bls, American M O T, Oporto
47 bls, Bank of Manhattan, Oporto
LAVENDER FLOWERS—86 bls, S B Penick & Co, Alicante
LEAD CONC—2,103 bgs, South American Development Co, Guayaquil
LEATHER WASTE—76 bls, H Remis, Rio de Janeiro
LICORICE ROOT—200 bls, S B Penick & Co, Alicante
LIME JUICE—16 cks, American Lime Corp, St Lucia
30 hhd, Barclay Bank, Roseau
10 hhd, W J Bush & Co, Roseau
MACE — 8 bgs, Bank of London-South America, Grenada
MAGNESIA HYDROXIDE — 1 bbl, Pan American Service Bureau, Havana
MANGROVE BARK EXTRACT—6,000 bgs, Sax Cutch Co, Singapore
MANIOC CAKE — 20 bgs, R F Bausman, Santos
FLOUR—2,000 bgs, Santos
51 bgs, Ex-O-Malt Co, Inc, Santos
MEDICINAL PREPS—5 cs, E Fougera & Co, Barcelona
3 cs, Gallia Corp, Barcelona
93 cs, J E Bernard & Co, Lisbon
MICA, BLOCK—425 cs, Chase National Bank, Calcutta
FILM—10 cs, Otto Gerdau Co, Calcutta
SPLITTINGS—38 cs, Cornelis & Suhr, Calcutta
1,315 cs, Chase National Bank, Calcutta
1,183 cs, Chase National Bank, Calcutta
2,217 cs, Chase National Bank, Calcutta
30 cs, Otto Gerdau Co, Calcutta
MINERAL CONC—35 bgs, Corn Exchange Bank & Trust Co, Tamuico
51 bgs, Corn Exchange Bank & Trust Co, Tampico
MOLASSES—895 bbls, American Molasses Co, Co, Barbados
325 bbls, American Molasses Co, Barbados
NAPHTHALENE—303 bgs, Mercantile Metal & Ore Corp, Tampico
NUTGALLS—420 bgs, Hanish, Love & Co, Hongkong
187 bgs, Taylor White Extracting Co, Hongkong
NUTMEGS—56 bgs, Bank of London South America, Grenada
100 bgs, A G Dunn, Grenada
OIL, ALMOND, SWEET—7 cs, Irving Trust Co, Malaga
ANISE—5 dms, Geo Uhe & Co, Hongkong
10 dms, I R Boody & Co, Hongkong
5 dms, W J Bush & Co, Hongkong
10 dms, Orbis Product Corp, Hongkong
5 dms, Geo Uhe & Co, Hongkong
12 dms, W J Bush & Co, Hongkong
53 cs, Magnus, Mabee & Reynard, Hongkong
5 dms, Dodge & Olcott Co, Hongkong
15 dms, Dodge & Olcott Co, Hongkong
OIL, BAY—9 cs, Barclay Bank, Roseau
CADE—10 dms, Irving Trust Co, Malaga
CAMPHOR—15 dms, Norda Essential Oil & Chem Co, Hongkong
CASSIA—15 dms, Bingham & Co, Hongkong
5 dms, Geo Luseders & Co, Hongkong
50 dms, Geo Luseders & Co, Hongkong
CASTOR—125 dms, I R Boody & Co, Bahia
102 dms, I R Boody & Co, Bahia
CHINAWOOD—616 tons, Universal Trading Corp, Hongkong
COD—798 dms, Iceland
127 cks, Canada
103 dms, Canada
CODLIVER—233 dms, Iceland
1 cs, Canada
ESSENTIAL—1 dm, Chase National Bank, Vera Cruz
1 cs, Magnus, Mabee & Reynard, Vera Cruz
19 cs, Wells, Fargo & Co, Vera Cruz
5 dms, The Arles Co, Hongkong
10 dms, The Arles Co, Hongkong
16 cs, H A Sothern, Puerto Barrios
6 cs, J Briguglio, Trujillo
FUEL—10,000 bbls, Asiatic Petroleum Corp, Curacao
LAVENDER SPIKE—3 dms, Dodge & Olcott Co, Alicante
5 dms, Irving Trust Co, Malaga
10 dms, Geo Uhe & Co, Barcelona
LEMONGRASS—2 dms, Volkart Bros, Colombo
LIME, DIST—3 cs, American Lime Corp, St Lucia
10 cs, Roseau
LINALOE—4 dms, Maurice Carasso, Vera Cruz
NEATSFOOT—146 tcs, Wilson & Co, Buenos Aires
104 dms, C Hollinshed & Co, Montevideo
OLIVE—388 dms, Colgate-Palmolive-Peet Co, Havana
PALM—1,224 tons, Colgate-Palmolive-Peet Co, Belawan Deli
PEPPERMINT—25 cs, Siber, Hegner & Co, Shanghai
PETITGRAIN—1 cs, Colgate-Palmolive-Peet Co, Porto Prince
ROSEMARY—11 dms, Norda Essential Oil & Chem Co, Seville
13 dms, Norda Essential Oil & Chem Co, Seville
3 dms, Dodge & Olcott Co, Seville
10 dms, Geo Luseders & Co, Seville
SAGE—8 dms, Norda Essential Oil & Chem Co, Seville
WOOD—8 dms, F B Ross & Co, Singapore
ORANGE PEEL—69 bgs, S B Penick & Co, Porto Prince
ORE—421 bgs, Cotopaxi Exploitation Co, Guayaquil
PAPAIN—5 cs, Dodwell & Co, Colombo
PAPRIKA—100 bgs, Asmus Bros, Alicante
100 bgs, Alicante
300 bgs, Jose Navarro, Alicante
50 bgs, F B Vandegrift & Co, Alicante
50 bgs, Alicante
25 bgs, Meadows, Wye & Co, Alicante
100 bgs, Lisbon
175 bgs, Lisbon
PEPPER, BLACK—257 bgs, Th Ana Co, Singapore
640 bgs, Volkart Bros, Alleppey
WHITE—342 bgs, Th Ana, Singapore
350 bgs, Otto Jordan Co, Singapore
210 bgs, Catz American Co, Singapore
140 bgs, W H Schwartz & Son, Singapore
210 bgs, R J Prentiss & Co, Singapore
840 bgs, W R Grace & Co, Singapore
70 bgs, Bank of Nova Scotia, Singapore
70 bgs, L A Guide, Singapore
140 bgs, A G Dunn, Singapore
PERFUME SYNTH—15 cs, Firmenich & Co, Lisbon
38 cs, Rohner, Gehrig & Co, Lisbon
PYRITES—2,380 bgs, Oporto
QUICKSILVER—20 flasks, Int Society of Comm & Ind of Brazil, Vera Cruz
QUININE SULPHATE—63 cs, Batavia
121 cs, Batavia
RESIN—10 cs, Mecke & Co, Trujillo
ROSEMARY LEAVES—282 bls, R Hilliers Son Corp, Alicante
97 bls, S B Penick & Co, Alicante
333 bls, E Meer & Co, Alicante
167 bls, S B Penick & Co, Alicante
184 bls, Alicante
29 bls, Alicante
300 bls, Malaga
436 bls, Malaga
SAGE LEAVES—29 bls, J L Hopkins & Co, Alicante
143 bls, Kachurin Drug Co, Alicante
266 bls, Alicante
221 bls, Kachurin Drug Co, Barcelona
SAGO FLOUR—400 bgs, W R Grace & Co, Singapore
1,600 bgs, W R Grace & Co, Singapore
709 bgs, Singapore
658 bgs, Stein, Hall & Co, Singapore
727 bgs, Bingham & Co, Singapore
778 bgs, Stein, Hall & Co, Singapore
737 bgs, Singapore
739 bgs, Stein, Hall & Co, Singapore
725 bgs, Stein, Hall & Co, Singapore
710 bgs, Bingham & Co, Singapore
351 bgs, Stein, Hall & Co, Singapore
400 bgs, W R Grace & Co, Singapore
361 bgs, Stein, Hall & Co, Singapore
1,470 bgs, Stein, Hall & Co, Singapore
715 bgs, Aranol Mfg Co, Singapore
735 bgs, Bingham & Co, Singapore
722 bgs, Stein, Hall & Co, Singapore
SARSAPARILLA ROOT—38 bls, Tampico
6 bls, P H Petry & Co, Tampico
SCHEELITE—82 bgs, Philipp Bros, Arica
25 bgs, J J Gavin & Co, Oporto
SESAME SEED—112 bgs, Ideal Trading Co, Hongkong
SHARK LIVER—100 crates, Manufacturers Trust Co, Havana
SHELLAC—5 cs, E E Androvette, Calcutta
BUTTON LAC—40 bgs, E E Androvette, Calcutta
10 bgs, E E Androvette, Calcutta
SILVER ORE—100 bgs, Philipp Bros, Callao
SOAPBARK—363 bls, W R Grace & Co, San Antonio
85 bls, W R Grace & Co, Valparaiso
SODA, HYDROSULPHITE — 40 dms, Goudrand Shipping Co, Lisbon
20 dms, Goudrand Shipping Co, Lisbon
SPONGES—8 bls, Havana
6 bls, Bloch, Inc, Havana
4 bls, Gulf & West Indies Co, Havana
3 bls, New York & Cuba Mail S S Co, Havana
3 bls, Gulf & West Indies Co, Havana
TAMARINDS—25 bbls, Murbas Trading Co, Antigua
30 cks, S B Penick & Co, St Lucia
TANKAGE—2,240 bgs, Santos
1,120 bgs, Santos

TAPIOCA FLOUR—150 bgs, Amenta, Inc, Havana
4,549 bgs, Corn Product Refining Co, Puerto Plata
3,768 bgs, Corn Product Refining Co, Puerto Plata
100 bgs, Amenta, Inc, Havana
TARTAR—109 bgs, Albert Mevi, Lisbon
153 bgs, Albert Mevi, Lisbon
THYME LEAVES—115 bls, Elias Rizo, Alicante
245 bls, Alicante
89 bls, Alicante
98 bls, Kachurin Drug Co, Barcelona
TITANIUM ORE—1,115 bgs, Santos
TOLU BALSAM—50 cs, Wessel, Duval & Co, Barranquilla
15 cs, C E Griffin, Barranquilla
13 cs, Polaks Frutal Works, Barranquilla
50 cs, Barranquilla
TONKA BEANS—30 cks, Machado & Co, Port Spain
10 cks, Irving Trust Co, Port Spain
15 cks, Machado & Co, Port Spain
TUNGSTEN ORE—167 bgs, Metal Traders, Callao
VANADIUM ORE—15,132 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—40 cs, Thurston & Braidich, Vera Cruz
WAX—300 bgs, Bank of Manhattan, Lisbon
BEES—86 bgs, Galban & Co, Lisbon
24 bls, Geck Trading Corp, Puerto Barrios
15 bls, Gillespie & Co, Puerto Barrios
2 bgs, Curacao Trading Co, Puerto Prince
36 bgs, Tampico
28 bgs, Tampico
26 bgs, Irving Trust Co, Havana
25 bgs, Van Oppen & Co, Havana
18 bgs, Irving Trust Co, Havana
67 bgs, Van Oppen & Co, Havana
86 bgs, Schutte & Focke, Trujillo
109 bgs, Curacao Trading Co, Trujillo
37 bgs, Machado & Co, Trujillo
30 bls, Porcelli, Vicini & Co, Trujillo
30 bgs, Mecke & Co, Trujillo
26 bgs, Machado & Co, Trujillo
14 seroons, Porcelli, Vicini & Co, Trujillo
24 seroons, Agruba Trading Co, Puerto Plata
CANDELILLA—444 bgs, M Argueso & Co, Tampico
762 bgs, M Argueso Co, Tampico
572 bgs, M Argueso & Co, Tampico
855 bgs, M Argueso & Co, Tampico
CARNAUBA—56 bgs, W R Grace & Co, Rio Janeiro
28 bgs, W R Grace & Co, Rio Janeiro
67 bgs, Strahl & Pitsch, Bahia
67 bgs, Wessel, Duval & Co, Bahia
86 bgs, I R Boody & Co, Bahia
23 bgs, Strahl & Pitsch, Bahia
67 bgs, Wessel, Duval & Co, Bahia
68 bgs, Bahia.
7 bgs, South American Leather Corp, Bahia
263 bgs, Wm M Allison & Co, Bahia
OURICURY—110 bgs, A Hurst & Co, Bahia
143 bgs, American Cyanamid & Chem Co, Bahia
132 bgs, A Hurst & Co, Bahia
133 bgs, American Cyanamid & Chem Co, Bahia
90 bgs, F B Ross & Co, Bahia
90 bgs, Wm M Allison & Co, Bahia
103 bgs, Wm M Allison & Co, Bahia
WINE LEES—225 bgs, Albert Mevi, Lisbon
1,506 bgs, Valparaiso
511 bgs, Standard Brands, Oporto
WOLFRAM, CONC—500 bgs, Chase National Bank, Antofagasta
ORE—102 bgs, Philipp Bros, Arica
903 bgs, Philipp Bros, Arica
500 bgs, Wah Chang Trading Co, Hongkong
140 bgs, Wah Chang Trading Co, Hongkong
1,291 bgs, J J Gavin & Co, Oporto
72 cks, J J Gavin & Co, Oporto

New York Transit Imports

CASSIA—150 bls, Hongkong, Hamilton
125 bls, Hongkong, Hamilton
84 bls, Frank Tea & Spice Co, Hongkong, Cincinnati
31 bls, S L Jones & Co, Hongkong, San Francisco
BROKEN—50 bls, S L Jones & Co, Hongkong, San Francisco
CINNAMON—250 bls, Volkart Bros, Colombo, Montreal
COTTON LINTERS—4,208 bls, West Texas Cottonoil Co, Santos, Houston
2,780 bls, West Texas Cottonoil Co, Santos, Houston
COCONUT, DESIC—1,200 bgs, General Food Sales Corp, Manila, Bridgeport
GINGER ROOT—15 tons, Volkart Bros, Cochin, Montreal
GUM, COPAL—14 bgs, J Meyer & Son, Singapore, Philadelphia
DAMMAR—140 bgs, National City Bank, Singapore, Montreal
135 cs, Singapore, Canada
210 bgs, Singapore, Canada
100 cs, Singapore, Canada
222 bgs, Singapore, Canada
28 bgs, 10 cs, J Meyer & Son, Singapore, Philadelphia
154 bgs, J Meyer & Son, Singapore, Philadelphia
LEATHER WASTE—114 bls, Marine Trust Co, Rio Janeiro, Buffalo
159 bls, First National Bank, Rio Janeiro, Boston
MANGANESE ORE—1,900 tons, Carnegie Illinois Steel Corp, Calcutta, Pittsburgh
MICA SPLITTINGS—430 cs, General Electric Co, Calcutta, Schenectady
570 cs, General Electric Co, Calcutta, Schenectady
NUX VOMICA—50 tons, Volkart Bros, Colombo, Montreal
OIL, CHINAWOOD—100 dms, Pacific Vegetable Oil Co, Hongkong, San Francisco
CITRONELLA—2 tons, Volkart Bros, Colombo, Montreal
COCONUT—80 tons, Volkart Bros, Colombo, Montreal
LEMONGRASS—2 dms, Volkart Bros, Colombo
PEPPER, WHITE—27½ tons, Volkart Bros, Alleppey, Montreal
140 bgs, Asmus Bros, Singapore, Detroit
TEAWASTE — 767 bgs, Maywood Chem Works, Calcutta
TURMERIC FINGERS—17½ tons, Volkart Bros, Alleppey, Montreal
VANILLA BEANS—19 cs, M Cortizas Co, Vera Cruz, Philadelphia
9 cs, M Cortizas Co, Vera Cruz, Philadelphia

Baltimore Imports

CHROME ORE—6,000 tons, Neuhue, N C
GASOLINE—104,231 bbls, Asiatic Pet Corp, Aruba
IRON ORE—22,300 tons, Bethlehem Steel Co, Cruz Grande
3,900 tons, Bethlehem Steel Co, Felton
7,500 tons, Bethlehem Steel Co, Rio Janeiro
21,50? tons, Bethlehem Steel Co, Cruz Grande
MANGANESE ORE—1,320 tons, Rio Janeiro
8,925 tons, Rio Janeiro
1,500 tons, Iloilo
2,300 tons, Iloilo
OIL, FUEL—128,267 bbls, Standard Oil Co of N J, Aruba
PETROLEUM, CRUDE—90,385 bbls, Pan American Ref Corp, Las Piedras
PYRETHRUM FLOWERS—750 bls, Mombasa
SESAME SEED—200 bgs, Hongkong

Boston Imports

CINNAMON—585 bls, Volkart Bros, Colombo
COTTON LINTERS—166 bls, New England Waste Co, Santos
LEATHER WASTE—295 bls, First National Bank, Rio Janeiro
LIME JUICE—10 cks, J P W Von Laer Co, Roseau
SQUILL, WHITE—8 cs, United Drug Co, Malaga

Philadelphia Imports

CASSIA—100 bls, Bank of California National Association, Buenos Aires
84 bls, Brown Bros-Harrimann Co, Hongkong
168 bls, R T French & Co, Hongkong
CORK, VIRGIN—7,732 bls, French American Banking Corp, Casablanca
VIRGIN-BURNED—172 bls, French American Banking Corp, Casablanca
WASTE—1,000 bls, French American Banking Corp, Casablanca
8,674 bls, French American Banking Corp, Casablanca
GALLNUTS—187 bgs, Hongkong
252 bgs, Arnhold & Co, Inc, Buenos Aires
MOLASSES—1,449,062 gls, Publicker Alcohol Corp, Pastelillo
1,780,113 gls, Publicker Alcohol Crop, Antilla and Havana
1,293,349 gls, Publicker Alcohol Corp, Port Tarafa
446,055 gls, Publicker Alcohol Corp, Banes
OIL, COCONUT—549,904 tons, Manilla
COTTONSEED—514 dms, Buenos Aires
CRUDE—76,143 bbls, Atlantic Refining Co, Puerto la Cruz
RAPESEED, REF—200 dms, George A Street & Co, Buenos Aires
ORE, CHROME—3,200 tons, Freetown
ILMENITE AND RUTILE—319 bgs, Brazilian Mineral Importing Co, Rio de Janeiro
RUTILE—200 bgs, Rio de Janeiro
PETROLEUM—115,000 bbls, Sinclair Navigation Co, Tuxpan
325,876 bbls, Gulf Oil Corp, Puerto la Cruz
19,772 bbls, Gulf Oil Corp, Las Piedras
QUEBRACHO EXTRACT—9,095 bgs, First National Bank of Boston, Buenos Aires
4,200 bgs, National Shawmut Bank of Boston, Buenos Aires
1,165 bbls, Buenos Aires
24,073 bgs, Tannin Corp, Buenos Aires
SEED, SESAME—200 bgs, Brown Bros-Harriman Co, Hongkong
SHELLAC—200 bgs, Mercantile Importing & Exporting Corp, Calcutta

Exports from U. S. Ports

Baltimore Exports

LITHOPONE—44,116 lbs, Rio Janeiro; 44,116 lbs, Buenos Aires
OIL, LUBRICATING—12 bbls, Santos
SODA ASH—1,102,350 lbs, Buenos Aires

New Orleans Exports

ACID, TARTARIC—23 tons, Vera Cruz
ALUMINA SULPHATE—19 tons, Cartagena; 182 tons, Barranquilla

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AMMONIA—10 tons, Vera Cruz
ASPHALT—122 tons, Cristobal; 113 tons, Belize
LIQUID—24 tons, Havana
GASOLINE—49 tons, Cartagena; 74 tons, Belize; 75 tons, Puerto Barrios
KEROSENE—10 tons, Puerto Limon; 36 tons, Belize; 25 tons, Puerto Barrios
LARD—19 tons, Panama City; 36 tons, West Coast South America; 75 tons, Puerto Limon; 43 tons, Havana; 21 tons, Cristobal; 18 tons, Santiago
LIME—300 tons, Celba; 14 tons, Puerto Barrios
HYDRATED—14 tons, Balbao
OIL, DIESEL—85 tons, Celba; 71 tons, Puerto Cabezas; 99 tons, Belize
FUEL—273 tons, Celba
GAS—29 tons, Belize
LUBRICATING—33 tons, Cristobal
PARAFFIN—15 tons, Havana; 51 tons, Puerto Barrios
PETROLEUM NAPHTHA—49 tons, West Coast South America
ROSIN—36 tons, Cristobal; 20 tons, Cartagena; 16 tons, Havana
SALT—43 tons, Belize; 67 tons, Havana
SHRIMP BRAN—15 tons, Balbao
SOAP—12 tons, Puerto Cabezas
SODA CAUSTIC—168 tons, Vera Cruz
STEARIN—28 tons, Vera Cruz
SUPERPHOSPHATE—302 tons, Celba
TALLOW—59 tons, Havana
TURPENTINE—10 tons, Tela
WAX—56 tons, Vera Cruz

Philadelphia Exports

GREASE—245 cs, & 5 dms, Para
OIL, MINERAL—569 cs, & 466 dms, Para
TRANSFORMER—25 cs, & 2 dms, Para
TANNING EXTRACT—11 bbls, Para
TURPENTINE SUBS—319 cs, Para

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Chemicals:—Tunisia has established a special import tax of 1 percent ad valorem on certain products. This tax applies to chemical products, except calcium carbide, and to a large number of manufactures of metals and of various materials.

Chocolate Confectionery: — The Swedish import duty on chocolate, including prepared, has been reduced from 105 crowns to 80 crowns per 100 kilograms, and that on confectionery containing chocolate reduced from 190 crowns to 150 crowns per 100 kilograms.

Fuel Barter:—Argentine has made the granting of exchange permits for fuel imports dependent upon purchases of domestic corn for fuel. Consequently, the National Fuel Commission has now made it obligatory for importers, up to September 30, 1941, to purchase 1 ton of corn for every 2 tons of coal, or 5 tons of fuel oil, or 25 tons of crude oil imported. After September 30, import quotas per ton of corn will be 2 tons of coal, or 3 tons of fuel or diesel oil, or 15 tons of crude oil.

Import-Export Control:—Syria and Lebanon has established a general commission for supply. This committee will determine the kinds, quantities and origin of foodstuffs and other essentials to be imported and exported and will supervise the allocation of import and export licenses in their connection with exchange control.

Manganese:—Uruguay has established charges to apply to transit operations of manganese in bulk when loading from or discharging into warehouse other than that nearest the ship. The charges per 1,000 kilograms, or fraction thereof, for these operations are as follows:—Unloading, 0.40 peso; loading, 0.40 peso; entry into warehouse, 0.60 peso, and discharging from warehouse, 0.90 peso.

Sales Tax:—The Turkish "transaction" tax on imports and domestic sales has been reduced on starch capsules.

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—20,191 bbls, Seattle; 49,200 bbls, Seattle; 80,904 bbls, Seattle; 37,238 bbls, Richmond; 12,662 bbls, Seattle; 6,426 bbls, Seattle; 33,732 bbls, Seattle; 1,292 bbls, San Diego; 2,692 bbls, San Diego; 67,753 bbls, Oakland; 3,580 bbls, San Diego; 1,165 bbls, San Diego; 1,829 bbls, San Diego; 1,417 bbls, San Diego; 57,22? bbls, Portland; 63,141 bbls, Seattle; 43,888 bbls, San Diego
OIL, DIESEL—3,967 bbls, Seattle; 1,960 bbls, Seattle; 1,466 bbls, San Diego; 3,532 bbls, Oakland; 13,373 bbls, San Diego
FUEL—9,029 bbls, Oakland; 75,000 bbls, Richmond; 65,619 bbls, Avon; 7,923 bbls, Seattle
FURNACE—8,027 bbls, Seattle; 3,704 bbls, Oakland

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended July 30

Cassia oil, 50 cases, 35 drums; not U.S.P.
Cod oil, 75 casks; restricted use.
Medicinal preparations, 1 parcel; new drug.
Medicinal preparations, 3 cases; false therapeutic claims.
Medicinal preparations, 1 case; false and misleading statements.
Mineral water, 25 cartons; false therapeutic claims.
Nutmegs, 535 bags; restricted use.
Sage leaves, 423 bales; excess stems.
Sesame seed, 348 bags; filthy.
Soap, 6 cases; false and misleading statements.
Tumeric, 81 bags; wormy.

Boston

Week Ended July 30

Codliver oil, 65 drums; restricted use.

Denver

Week Ended July 24

Medicinal, 2 pieces; false therapeutic claims.

San Francisco

Week Ended July 24

Medicinal, 2 pieces; omission mandatory labeling.
Medicinal, 15 pieces; false therapeutic claims; omission mandatory labeling.

Japanese Assets Ordered Frozen by Roosevelt

OPD Washington Bureau
July 26, 1941

In view of the unlimited national emergency declared by the President, he has today issued an Executive Order freezing Japanese assets in the United States in the same manner in which assets of various European countries were frozen on June 14, 1941. This measure, in effect, brings all financial and import and export trade transactions in which Japanese interests are involved under the control of the Government and imposes criminal penalties for violation of the order.

At the specific request of Generalissimo Chiang Kai-shek and for the purpose of helping the Chinese government, the President has, at the same time, extended the freezing control to Chinese assets in the United States. The administration of the licensing system with respect to Chinese assets will be conducted with a view to strengthening the foreign trade and exchange position of the Chinese government.

Bids Wanted

—*Continued from page 4*

Disinfectant:—1,100 gallons; Commanding Officer, Picatinny Arsenal, N. J.; invitation 537-S3, opening August 5.
Enamel:—Supplies of; Commissioners, D. C., District Government, Washington; procurement 1461, opening August 7.
Fuel Oil:—1,000,000 gallons; Office of Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton, Ohio; circular 137, opening August 6.
Grit Soap:—18,750 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invitation 532-S3, opening August 6.
Hydroquinone: — 10,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invitation 529-S3, opening August 6.
Lard Oil:—2,500 gallons; Commanding General, Rock Island Arsenal, Ill.; circular 201, opening August 7.
Laundry Soap:—2,000 pounds; U. S. Engineer Office, P. O. Box 4970, Jacksonville, Fla.; invitation 43, opening August 8.
Laundry Soap:—9,600 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invitation 531-S3, opening August 5.
Liquid Soap:—500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 174, opening August 11.
Lubricating Oil:—50,000 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8129, opening August 15.
Oxygen:—75,000 cubic feet; Commanding Officer, Air Corps, Fort Douglas, Utah; procurement 1, opening August 11.
Paint, Camouflage:—8,000 gallons; Quartermaster, Marine Corps, Washington; schedule 247, opening August 8.
Saltwater Soap:—1,397,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8137, opening August 7.
Sienna, Raw:—1,200 pounds; Quartermaster, Marine Corps, Washington; schedule 247, opening August 8.
Soap, Scouring Compound:—60,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invitation 533-S3, opening August 6.
Soda Carbonate:—2,400 pounds; Commanding Officer, Picatinny Arsenal, N. J.; invitation 538-S3, opening August 6.
Soda, Caustic: — 4,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 180, opening August 12.
Sulphuric Acid:—6,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 147, opening August 7.
Toilet Soap:—6,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; invitation 530-S3, opening August 5.
Turpentine:—3,300 gallons; Commanding Officer, Picatinny Arsenal, N. J.; invitation 539-S5, opening August 8.
White Lead:—25,000 pounds; U. S. Engineer Office, P. O. Box 97, Memphis, Tenn.; invitation 13, opening August 4.

Brooklyn Polytech Offers Chemical Analysis Course

An intensive course in applied chemical analysis, designed to give competency in laboratory practice connected with national defense will start on August 4 at the Polytechnic Institute of Brooklyn, Professor Raymond E. Kirk, institutional representative for enginering defense training courses, has announced.

Metals & Thermit Corporation has started work on a new research laboratory in Woodridge, N. J.

Industrial Uses of Chemicals and Related Materials

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(Parenthetical figures are the numbers of patents in the United States or other countries, as designated)

Bis-(4:5-dimethyl-2-ethylbenzoxazole-1)-carbocyanin Iodide

Photographic

Sensitizer (U.S. 2072908) in—
Photographic emulsions

4:4'-Bis-(para-anilinesulphoamido)benzophenone

Pharmaceutical

Claimed (Brit. 502173) to be—
Therapeutically valuable for treating bacterial infectious diseases

Butyl Salicylate, Normal

Adhesives

Suggested as plasticizer in—
Adhesive compositions containing cellulose esters or ethers

Cellulose Products

Ingredient (U.S. 1395905) of—
Cellulose ether solvent
Ethylcellulose solvent
Plasticizer for—
Ethylcellulose (U.S. 1395905)
Nitrocellulose (U.S. 1444333)

Ceramic

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Solvent and Plasticizer for—
Cellulose esters and ethers

Cosmetic

Odorant
Suggested as plasticizer in—
Nail enamels and lacquers containing a cellulose ester or ether as base material

Electrical

Suggested as plasticizer in—
Insulating compositions, containing cellulose esters, used for covering wire and in making electrical machinery and equipment

Glass

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Leather

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Suggested as plasticizer in—
Coatings compositions, containing cellulose esters or ethers, used for protecting and decorating articles of various compositions

Paint, Varnish, and Lacquer

Plasticizer and solvent (U.S. 1395905 and 1444333) in making—
Paints, varnishes, and lacquers

Paper

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting articles made of paper or pulp

Perfume

Donator of—
Carnation odor
Orchid odor
Fixative in—
Perfumes
Odorant in—
Carnation perfumes
Chypre perfumes
Orchid perfumes
Substitute for—
Amyl salicylate

Photographic

Plasticizer (U.S. 1395905 and 1444333) in—
Photographic films

Plastics

Plasticizer (U.S. 1395905) in making—
Plastics

Resins

Suggested as plasticizer in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Soap

Odorant in—
Toilet soaps
Substitute for—
Amyl salicylate

Stone

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Suggested as plasticizer in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

10-Chlor-7-methoxy-3-methylthiolacridin

Pharmaceutical

Claimed (Brit. 363392, 441007, and 441132) as new pharmaceutical product

Chromium Naphthenate

(Naphtenate de Chrome, Naphtenate Chromique, Naphtenate de Chromium, Naphtensaeureschrom)

Ink

Stabilizer in—
Emulsified inks
Emulsified printing inks

Leather

Stabilizer in—
Emulsified treating preparations

Miscellaneous

Ingredient of—
Emulsified wax preparations

Petroleum

Stabilizing agent for—
Lubricating oils
Transformer oils

Diethylaminobutylcellulose

Adhesives

Starting point (Brit. 489668) in making—
Waterproof adhesives

Bottling

Starting point (Brit. 489668) in making—
Sizes (solutions in acids) for regenerated cellulose used for capping and sealing purposes (said to improve the anchorage thereto of printing inks and lacquers)

Cellulose Products

Starting point (Brit. 489668) in forming—
Bristles
Filaments
Films which are clear, tough, and pliable
Self-supporting films

Chemical

Starting point (Brit. 489668) in making—
Addition salts with acids

Furniture

Starting point (Brit. 489668) in making—
Waterproof adhesives for veneering purposes

Miscellaneous

Ingredient (Brit. 489668) of—
Coating compositions useful for various purposes

Rubber

Starting point (Brit. 489668) in making—
Sizes (solutions in acids) for rayon tire cord (used to improve adhesion to the rubber)

Isobutyl Furylpropionate

Beverage

Imparter of—
Pineapple-like aroma

Food

Imparter of—
Pineapple-like aroma

Perfume

Addition agent for—
Cyclamen
Lily of the valley
Ylang-ylang
Donator of—
Pineapple-like aroma

Methyl-Mercury Nitrate

Rubber

Preservative (Brit. 499578) for—
Latex

Methyl Phenylglycidate

Beverage

Imparter of—
Strawberry flavor and aroma to syrups and soft drinks

Food

Imparter of—
Strawberry flavor and aroma to jellies, jams, and other food preparations

Paracresyl Caprylate

Cosmetic

Increaser of—
Floral note in various odors for cosmetic preparations

Perfume

Base for—
Narcissus odors
Increase of floral note in—
Perfumes Toilet waters

Soap

Odorant in—
Toilet soaps

Phenoxyacetone

Chemical

New chemical available for experimental use

Tetrahydroparamethylquinolin

Perfume

Base in making—
Synthetic civet

Vinyl Chloride-Vinyl Acetate Fiber

(Vinyon Fiber)

(New American synthetic fiber)

Chemical

Claimed to be—
Chemically inert
Mildewproof
Nonflammable
Water-resistant (permanently)
Claimed to be resistant to—
Acids Alkalies
Many other corrosive chemicals
Synthetic material used in making—
Chemical workers' protective equipment such as—
Aprons Goggles
Caps Hats
Clothing Masks
Gloves Smocks
Filter cloths
Hose (chemical-resistant)

Electrical

Claimed as—
Good dielectric

Firefighting

Claimed as—
Nonflammable material
Suggested as—
New fabric for decorative purposes where there is considerable exposure to fire hazard (theatrical decorative effects, for example)

Fishery

Claimed as—
Permanently water-resistant material suitable for use in making nets, sails, covers, and other gear

Miscellaneous

Synthetic fiber suggested for use in making—
Awning fabrics
Canvas
Flag fabrics
Raincoats
Shower curtains
Sporting goods
Tent fabrics
Umbrella fabrics

Textile

Available as—
Continuous filament yarn
Multifilament yarn
Staple fiber
Available in—
All standard deniers
Filament denier considerably finer than that of silk
Stretched form
Unstretched form
Claimed to be—
Chemically inert
Delusterable (in its finishes)
Dyeable in a wide range of colors
Elastic comparable with silk
High in tensile strength
Mildewproof
Nonflammable
Nonshrinking below 150° F.
Suppliable with any tensile strength desired in the range of 1.0 gram to 4.0 grams per denier, wet or dry
Thermoplastic (but can be used without damage up to 165° F.)
Water-resistant (permanently)
Synthetic fiber used in making—
Filter cloths
Full-fashioned hosiery
Longlife knitted and woven goods
Permanent crease or fold-holding goods
Pressed felts
Sewing threads
Twines

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FOR SALE:—Three 12-in x 32-in. Day 5-roller mills, motor driven; pony mixers, 8 to 40 gals.; three Kent 8-in. lab., and five Ross 26-in. stone mills with iron mill feeds; pebble mills, lab. to 700 gals.; Day jumbo 700-gal. jacketed mixer; thirty filter presses, 12 in. to 36 in.; powder mixers, 100 to 2,000 lbs.; W. & P. mixers, lab. to 200 gals.; copper and aluminum kettles, 10 to 250 gals.; dryers, Sweetland filters, etc. Send for complete bulletins. Brill Equipment Corporation, 183 Varick street, New York City.

NEW JAR MILLS:—1 and 4 gal. used 36 in. x 42 in. Silex-lined pebble mill; skeleton wood filter press, 24 in. by 24 in.; 300 gal. rubber-lined vacuum kettle; one Swenson aluminum evaporator minus tubes. Lawler Company, Metuchen, N. J.

FOR IMMEDIATE SHIPMENT:—Two W.&P. jack. mixers, 150 gal.; pebble and ball mills, lab. to 700 gals.; jar mills, 1 to 15 gals.; 2 truck atmos. dryer; Stokes 2½x8 rotary dryer; 3x8 ft. rotary steam tube dryer; vacuum shelf dryers; Sharples No. 6 super centrifuge; DeLaval No. 700 centrifuge; paste mixers; powder mixers, up to 3,000 lbs.; rotex sifters, five filter presses 32 in. sq., also 12 in. to 48 in. sq.; No. 7 and 10 Sweetland filters; 12x30 and 16x40 in. 3 roll mills; stone mills 16 in. to 36 in., with hoppers; Raymond mills No. 00, 0 and 1; jack. agit. vac. stills; kettles and tanks; vacuum pumps, crushers and pulverizers, centrifugals, tablet machines, disc filters, iron mills; portable agitators; rotary and centrifugal pumps; powder and paste fillers; bottle fillers and washers. Only partial listing. Write for complete bulletins. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

FOR SALE:—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 313, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, one story, 5,800 sq. ft., concrete floor with drains, 20 ft. headroom; yard; live steam available; unrestricted district in Bklyn; low rent. The R. L. Kraft Company, Woolworth Building, New York City. Cortlandt 7-9377.

Materials Offered

THE FOLLOWING chemical products, shipped from a Latin-American port, are available in large quantities. Purity guaranteed. Reduced prices on yearly contracts for substantial orders. Cholic acid and its salts; dehydrocholic acid and its salt; para-aminophenylarsonic acid and its sodic salt (Atoxyl); diiodoparaphenol sulphonic acid (Sozoyodol) and its salts; beta-phenylisopropylamine (Benzedrine) and its salts; cacodylic acid and its salts. Indicate quantities required. BOX 306, Oil, Paint and Drug Reporter.

Materials Wanted

HIGHER MARKETS—Sell now. Wanted—Surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Materials Wanted

WILL PURCHASE your surplus and discontinued lots of chemicals, oils, waxes, dyes, intermediates, dry colors, greases, metals and other raw materials and by-products. Also entire plants. Consult inventory and plant superintendent. Barclay Chemical Co., Inc., 75 Varick street, New York. Telephone WAlker 5-4250.

Positions Vacant

CHEMICAL SALESMEN: Earn extra money while calling on your trade. Nothing to sell. Big opportunity for large returns. Especially attractive for out of town men. BOX 310, Oil, Paint and Drug Reporter.

TABLET and effervescent salts maker required by established Los Angeles drug firm. State experience, where gained, age, race, marital status, if employed at present and expected salary. All answers will be considered strictly confidential. BOX 312, Oil, Paint and Drug Reporter.

Positions Wanted

CRACK PILOT plant crew. Plant operators, engineers, and analysts. Completed operation or heavy chemical pilot plant. Available now. BOX 305, Oil, Paint and Drug Reporter.

CHEMIST: Paints, varnishes and lacquers, graduate of a leading university, professional degree, sixteen years' experience all phases this field. Formulation, research, development, sales management, plant management. Versatile, efficient and very hard worker. Draft deferred. At present employed as general manager paint and varnish organization. Much experience in manufacture resins, specialized and synthetic oils, pigments and other raw materials. BOX 308, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST, varnishes for paints and shelf china wood, phenolics, maleic and alkyd varnishes. Research and economical formulas. Seeks position. Salary open. BOX 309, Oil, Paint and Drug Reporter.

PRODUCTION CHEMIST, B.S., capable supervising production in process or small plant. Handle equipment such as centrifugals, stills, dryers, pumps, sifters, tablet machines, etc. Understand pipefitting. Experience salicylates, ergosterol, quinine, euquinine, sulfamilamide. First aid certificate. BOX 311, Oil, Paint and Drug Reporter.

PAINT CHEMIST—Young; Pratt Institute graduate; specialized paint, varnish, lacquer technology; 2 years' experience in plant and laboratory; oil paints, cellulose lacquers, chlorinated rubber; can formulate. BOX 314, Oil, Paint and Drug Reporter.

LINCENSED PHARMACIST, 36, single, Protestant, in charge of department with pharmaceutical manufacturer, desires suitable position with pharmaceutical or chemical concern or laboratory. BOX 315, Oil, Paint and Drug Reporter.

Services Offered

RUM TECHNOLOGIST—Consultant for improvement in plant capacity, yields, and quality of products through special manufacturing methods. Creation of special rum types, including the famous Jamaican. Six years of intensive continuous research in rum manufacture. Rafael Arroyo, Ch. E. & S. E., P. O. Box 136, Rio Piedras, Puerto Rico.

CHEMIST and chemical engineers—If you are now unemployed send your complete chronological records of education and experience to Chemist Advisory Council, Room 811, 60 East 42nd street, New York City.

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Price-Fixing Power Asked Of Congress by President

—Continued from page 3

maintained. Already through the efforts of the National Defense Mediation Board and wage stabilization committees wage standards are being established and a measure of wage stability is being brought to particular industries. It is expected that such activities will be continued, extended, and made increasingly effective.

I recognize that the obligation not to seek an excessive profit from the defense emergency rests with equal force on labor and on industry, and that both must assume their responsibilities if we are to avoid inflation.

I also recognize that we may expect the wholehearted and voluntary cooperation of labor only when it has been assured a reasonable and stable income in terms of the things money will buy, and equal restraint or sacrifice on the part of all others who participate in the defense program. This means not only a reasonable stabilization of prices and the cost of living but the effective taxation of excess profits and purchasing power. In this way alone can the nation be protected from the evil consequences of a chaotic struggle for gains which must prove either illusory or unjust, and which must lead to the disaster of unchecked inflation.

However, it is not expected that any attempt will be made by the administration to include authority to set ceilings on wages in this bill. The subject is highly controversial and might delay final action on the proposed legislation for months. A separate bill may be introduced at a later date on this subject.

Farm Bloc Wants Parity

It is also expected that, if farm prices are included at all, it will be necessary to include a provision requiring that ceilings on prices of commodities manufactured or processed from agricultural products be based on prices at parity, or higher, for the raw material. Leaders of the farm block have repeatedly said that they will oppose any price-fixing legislation which does not include such a provision.

Following a conference with the President today, Marriner S. Eccles, chairman of the board of governors of the Federal Reserve System, said that "everything on the inflation front" had been discussed at the meeting. Leon Henderson, administrator of the Office of Price Control and Civilian Supply, also attended the White House conference.

Under the terms of the proposed bill, ceilings on commodity prices are expected to be based on levels of June 30, 1941, adjusted for speculative fluctuations, for increases or decreases in costs of transportation or production, for increases or decreases in profits being realized by sellers, and for any other factor which the President might find to be relevant.

Defense rental areas would be designated by the President in which he would establish ceilings for rents.

A three-man emergency court of appeals could be established by the Chief Justice of the United States from among the judges of the Federal district and circuit courts to pass on all orders promulgated under the terms of the bill.

Francis D'Arcy Cooper, chairman of Lever Brothers & Unilever, Ltd., British vegeable and soap combine, and chairman of the executive committee of the British Export Council, has had a baronetcy conferred on him.

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—Continued from page 3

liam Duncan, Bart., of Stoke Poges, England; and Baroness Bachofen von Echt, of Zurich; trust founds of $100,000 each for another brother, Gustavus Pfizer, of Paris; $10,000 to Wyckoff Heights Hospital of Brooklyn, and $5,000 each to Mrs. Eugenie Jutting, his housekeeper; William Boyle, his valet.

The residue is to be divided among the sisters and his brother. Upon their deaths the two trust funds of $100,000 each are to be divided equally among the New York Association for the Blind; Association for the Aid of Crippled Children; Broad Street Hospital; Roosevelt Hospital; Gouverneur Hospital; Marienheim of Brooklyn, a home for the aged; Bellevue Hospital, for its tuberculosis clinic; New York Post Graduate Medical School and Hospital, for skin and cancer units; Neurological Institute of New York and New York Orthopedic Dispensary and Hospital.

In his will Mr. Pfizer stated that his reason for making the bequests to the employees was that, being the last member of the Pfizer family associated with the company his father founded, he wished to show his special appreciation of his long and friendly association with them.

A. A. Teeter, treasurer of Charles Pfizer & Co., is trustee and executor of Mr. Pfizer's estate.

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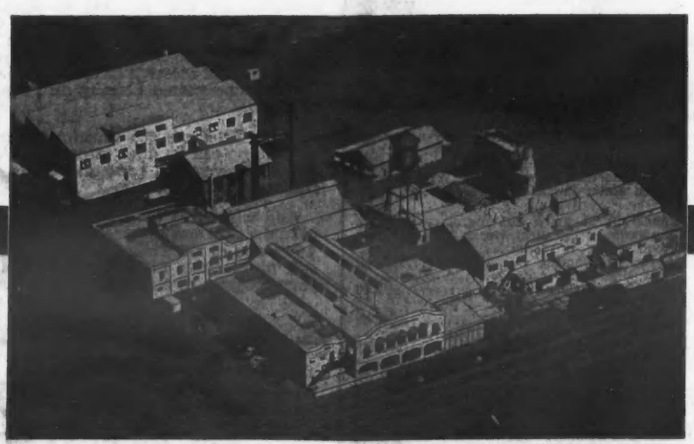

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